

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (abhilashpatil2968@gmail.com) was recorded on submission of this form.

Email *

abhilashpatil2968@gmail.com

Roll Number *

4444

Surname *

P

First Name *

A

Father Name *

P

Mobile Number *

7219072889

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☒ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☐ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☐ A) 0.7
- ☐ B) 0.1
- ☒ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☐ B) Function of outcomes
- ☐ C) Event
- ☒ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Subject:

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The respondent's email (avishkargavakar@gmail.com) was recorded on submission of this form.

Email *

avishkargavakar@gmail.com

Roll Number *

5328

Surname *

Gavakar

First Name *

Avishkar

Father Name *

Narayan

Mobile Number *

9370872210

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

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B.com-I Semester II
Business Statistics-II

Subject:

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Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (arjadhav18@gmail.com) was recorded on submission of this form.

Email *

arjadhav18@gmail.com

Roll Number *

5340

Surname *

Jadhav

First Name *

Aditya

Father Name *

Rajendra

Mobile Number *

9511713040

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

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B.com-I Semester II

Subject:

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Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (purohitrahul0108@gmail.com) was recorded on submission of this form.

Email *

purohitrahul0108@gmail.com

Roll Number *

5550

Surname *

Purohit

First Name *

Rahul

Father Name *

Mohanlal

Mobile Number *

8830235283

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

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- ☐ A) np
- ☐ B) nq
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4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
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Subject:

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Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (sonichoudhari520@gmail.com) was recorded on submission of this form.

Email *

sonichoudhari520@gmail.com

Roll Number *

5709

Surname *

Choudhari

First Name *

Soni

Father Name *

Ramesh

Mobile Number *

9325850840

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

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- ☒ A) $P(A) + P(B) - P(A \cap B)$
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Subject:

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The respondent's email (samruddhikharepatane@gmail.com) was recorded on submission of this form.

Email *

samruddhikharepatane@gmail.com

Roll Number *

5631

Surname *

Kharepatane

First Name *

Samruddhi

Father Name *

Sachin

Mobile Number *

7756071837

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

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B.com-I Semester II

Subject:

Business Statistics-II

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Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (arjunmhatar001@gmail.com) was recorded on submission of this form.

Email *

arjunmhatar001@gmail.com

Roll Number *

5388

Surname *

Mhatar

First Name *

Aryan

Father Name *

Netaji

Mobile Number *

9146207221

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

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The respondent's email (shrutipatil232007@gmail.com) was recorded on submission of this form.

Email *

shrutipatil232007@gmail.com

Roll Number *

5423

Surname *

Patil

First Name *

Shruti

Father Name *

Tanaji

Mobile Number *

8261085052

Group *

☒ A

☐ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

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B.com-I Semester II

Subject:

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mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (mohankumarparmar147@gmail.com) was recorded on submission of this form.

Email *

mohankumarparmar147@gmail.com

Roll Number *

5553

Surname *

Rathod

First Name *

Bhavesh

Father Name *

Badaram

Mobile Number *

9975589626

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

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- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**porwallabdhi4@gmail.com**) was recorded on submission of this form.

Email *

porwallabdhi4@gmail.com

Roll Number *

5430

Surname *

Porwal

First Name *

Labdhi

Father Name *

Rajesh

Mobile Number *

8421212549

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☐ A) Natural causes
- ☒ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☒ A) Fixed number
- ☐ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**kajalgargad@gmail.com**) was recorded on submission of this form.

Email *

kajalgargad@gmail.com

Roll Number *

5327

Surname *

Gargad

First Name *

Kajal

Father Name *

Raju

Mobile Number *

8149114338

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**shankarpawar561975@gmail.com**) was recorded on submission of this form.

Email *

shankarpawar561975@gmail.com

Roll Number *

5427

Surname *

Pawar

First Name *

Dhanashri

Father Name *

Shankar

Mobile Number *

7972623370

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

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Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (shindepankaj541@gmail.com) was recorded on submission of this form.

Email *

shindepankaj541@gmail.com

Roll Number *

5657

Surname *

Shinde

First Name *

Pankaj

Father Name *

Popat

Mobile Number *

7447203863

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☐ A) $P(A) + P(B) - P(A \cap B)$
- ☒ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Institute)

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Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (rishitprasad07@gmail.com) was recorded on submission of this form.

Email *

rishitprasad07@gmail.com

Roll Number *

5437

Surname *

Prasad

First Name *

Rishit

Father Name *

Ruten

Mobile Number *

8605023969

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (27hiteshpurohit@gmail.com) was recorded on submission of this form.

Email *

27hiteshpurohit@gmail.com

Roll Number *

5504

Surname *

PUROHIT

First Name *

HITESH

Father Name *

JAYPAL

Mobile Number *

7499619044

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (shravanip209@gmail.com) was recorded on submission of this form.

Email *

shravanip209@gmail.com

Roll Number *

5422

Surname *

Patil

First Name *

Shravani

Father Name *

Jaysing

Mobile Number *

9011761901

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☒ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☐ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☒ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (suryavanshitanuja72@gmail.com) was recorded on submission of this form.

Email *

suryavanshitanuja72@gmail.com

Roll Number *

5561

Surname *

Suryavanshi

First Name *

Tanuja

Father Name *

Rajendra

Mobile Number *

9373575244

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☐ C) Sample Space
- ☒ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**madhura5949@gmail.com**) was recorded on submission of this form.

Email *

madhura5949@gmail.com

Roll Number *

5660

Surname *

Vaphelkar

First Name *

Madhura

Father Name *

Mahendra

Mobile Number *

8605995943

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) $n+p$

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (saiinamdar2307@gmail.com) was recorded on submission of this form.

Email *

saiinamdar2307@gmail.com

Roll Number *

5337

Surname *

Inamdar

First Name *

Sai

Father Name *

Deepak

Mobile Number *

9284946013

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (aaryaagnihotri07@gmail.com) was recorded on submission of this form.

Email *

aaryaagnihotri07@gmail.com

Roll Number *

5301

Surname *

Agnihotri

First Name *

Aarya

Father Name *

Rahulprasad

Mobile Number *

9422421114

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (pranjalikamire@gmail.com) was recorded on submission of this form.

Email *

pranjalikamire@gmail.com

Roll Number *

5357

Surname *

Kamire

First Name *

Pranjali

Father Name *

Vikas

Mobile Number *

8421877596

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (shalmalikul2007@gmail.com) was recorded on submission of this form.

Email *

shalmalikul2007@gmail.com

Roll Number *

5374

Surname *

Kulkarni

First Name *

Shalmali

Father Name *

Yogesh

Mobile Number *

7588262920

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

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Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (shrutip2706@gmail.com) was recorded on submission of this form.

Email *

shrutip2706@gmail.com

Roll Number *

5647

Surname *

patil

First Name *

shruti

Father Name *

satyam

Mobile Number *

8788584122

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
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- ☐ C) Material defect
- ☒ D) All of these

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- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**chougulesamiksha@gmail.com**) was recorded on submission of this form.

Email *

chougulesamiksha@gmail.com

Roll Number *

5317

Surname *

Chougule

First Name *

Samiksha

Father Name *

Mahadev

Mobile Number *

9168541901

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) $n+p$

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**dikshashirale10@gmail.com**) was recorded on submission of this form.

Email *

dikshashirale10@gmail.com

Roll Number *

5458

Surname *

Shirale

First Name *

Diksha

Father Name *

Vinod

Mobile Number *

7499486661

Group *



A



B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (patilvvp66@gmail.com) was recorded on submission of this form.

Email *

patilvvp66@gmail.com

Roll Number *

5424

Surname *

Patil

First Name *

Vaishnavi

Father Name *

Shivaji

Mobile Number *

9022293412

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**shindesiddhesh1279@gmail.com**) was recorded on submission of this form.

Email *

shindesiddhesh1279@gmail.com

Roll Number *

5659

Surname *

Shinde

First Name *

Siddhesh

Father Name *

Shivaji

Mobile Number *

7498794323

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) $n+p$

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (ajinkyadalvi811@gmail.com) was recorded on submission of this form.

Email *

ajinkyadalvi811@gmail.com

Roll Number *

5611

Surname *

Dalvi

First Name *

Ajinkya

Father Name *

Sarjerao

Mobile Number *

9921621100

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) $n+p$

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**sanchitapatil1611@gmail.com**) was recorded on submission of this form.

Email *

sanchitapatil1611@gmail.com

Roll Number *

5417

Surname *

Patil

First Name *

Sanchita

Father Name *

Doulat

Mobile Number *

7841815851

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**vedikasatpute974@gmail.com**) was recorded on submission of this form.

Email *

vedikasatpute974@gmail.com

Roll Number *

5556

Surname *

Satpute

First Name *

Vedika

Father Name *

Vishwanath

Mobile Number *

9834590154

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (bhosaletjaswini15@gmail.com) was recorded on submission of this form.

Email *

bhosaletjaswini15@gmail.com

Roll Number *

5305

Surname *

Bhosale

First Name *

Tejaswini

Father Name *

Anant

Mobile Number *

7498163756

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (shrutikasabekar80@gmail.com) was recorded on submission of this form.

Email *

shrutikasabekar80@gmail.com

Roll Number *

5360

Surname *

Kasabekar

First Name *

Sanskruti

Father Name *

Manoj

Mobile Number *

8459946096

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) $n+p$

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☐ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☒ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (nikamnamrata31@gmail.com) was recorded on submission of this form.

Email *

nikamnamrata31@gmail.com

Roll Number *

5640

Surname *

Nikam

First Name *

Namrata

Father Name *

Sachin

Mobile Number *

8007212696

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (moreanuja399@gmail.com) was recorded on submission of this form.

Email *

moreanuja399@gmail.com

Roll Number *

5736

Surname *

More

First Name *

Anuja

Father Name *

Ananda

Mobile Number *

8999336700

Group *

☐ A

☒ B

Division *

☒ A (Marathi)☐ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np ☐ B) nq ☒ C) npq ☐ D) $n+p$ 4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (mnannuche14@gmail.com) was recorded on submission of this form.

Email *

mnannuche14@gmail.com

Roll Number *

5392

Surname *

Nannuche

First Name *

Maya

Father Name *

Maruti

Mobile Number *

8237211056

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
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- ☐ D) None

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- ☐ A) Machine fault
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8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (jp3467026@gmail.com) was recorded on submission of this form.

Email *

jp3467026@gmail.com

Roll Number *

5410

Surname *

Patil

First Name *

Janhavi

Father Name *

Bajirao

Mobile Number *

9270487187

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (virajkurane70@gmail.com) was recorded on submission of this form.

Email *

virajkurane70@gmail.com

Roll Number *

5375

Surname *

Kurane

First Name *

Viraj

Father Name *

Dhananjay

Mobile Number *

9096993364

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (siddhiulape8@gmail.com) was recorded on submission of this form.

Email *

siddhiulape8@gmail.com

Roll Number *

5685

Surname *

Ulope

First Name *

Siddhi

Father Name *

Sambhaji

Mobile Number *

9307089323

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☒ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (paragkam92@gmail.com) was recorded on submission of this form.

Email *

paragkam92@gmail.com

Roll Number *

5355

Surname *

Kamble

First Name *

Parag

Father Name *

Pramod

Mobile Number *

9284625410

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**samidhaparulekar2109@gmail.com**) was recorded on submission of this form.

Email *

samidhaparulekar2109@gmail.com

Roll Number *

5401

Surname *

Parulekar

First Name *

Samidha

Father Name *

Digambar

Mobile Number *

8308233641

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Institute)

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Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (sawantharsh836@gmail.com) was recorded on submission of this form.

Email *

sawantharsh836@gmail.com

Roll Number *

5591

Surname *

Sawant

First Name *

Harsh

Father Name *

Hemant

Mobile Number *

9519269595

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (shaikhzinat920@gmail.com) was recorded on submission of this form.

Email *

shaikhzinat920@gmail.com

Roll Number *

5452

Surname *

Shaikh

First Name *

Zinat

Father Name *

Faruk

Mobile Number *

9172718587

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (samruddhi8338@gmail.com) was recorded on submission of this form.

Email *

samruddhi8338@gmail.com

Roll Number *

5314

Surname *

Chougale

First Name *

Samruddhi

Father Name *

Tukaram

Mobile Number *

8668380200

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**prishaporwal01@gmail.com**) was recorded on submission of this form.

Email *

prishaporwal01@gmail.com

Roll Number *

5431

Surname *

Porwal

First Name *

Prisha

Father Name *

Chetan

Mobile Number *

8468829997

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (tanishkakadam65@gmail.com) was recorded on submission of this form.

Email *

tanishkakadam65@gmail.com

Roll Number *

5352

Surname *

Kadam

First Name *

Tanishka

Father Name *

Anandrao

Mobile Number *

7249856575

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (aryakulkarni9099@gmail.com) was recorded on submission of this form.

Email *

aryakulkarni9099@gmail.com

Roll Number *

5537

Surname *

Kulkarni

First Name *

Aarya

Father Name *

Sanjay

Mobile Number *

7887494959

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (namratam747@gmail.com) was recorded on submission of this form.

Email *

namratam747@gmail.com

Roll Number *

5383

Surname *

Mali

First Name *

Srushti

Father Name *

Rajaram

Mobile Number *

7875898911

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (Vaibhavichavan7311@gmail.com) was recorded on submission of this form.

Email *

Vaibhavichavan7311@gmail.com

Roll Number *

5311

Surname *

Chavan

First Name *

Vaibhavi

Father Name *

Vidyasagar

Mobile Number *

7744059205

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
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(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**parmeshwargaikwad859@gmail.com**) was recorded on submission of this form.

Email *

parmeshwargaikwad859@gmail.com

Roll Number *

5720

Surname *

Gaikwad

First Name *

Parmeshwar

Father Name *

Madhav

Mobile Number *

7620444590

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**bhagyshrisamangadkar@gmail.com**) was recorded on submission of this form.

Email *

bhagyshrisamangadkar@gmail.com

Roll Number *

5655

Surname *

Samangadkar

First Name *

Bhagyshri

Father Name *

Anil

Mobile Number *

8263031479

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (bhosaleomi40@gmail.com) was recorded on submission of this form.

Email *

bhosaleomi40@gmail.com

Roll Number *

5600

Surname *

Bhosale

First Name *

Omkar

Father Name *

Santosh

Mobile Number *

7972004248

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (radhikarajmane2006@gmail.com) was recorded on submission of this form.

Email *

radhikarajmane2006@gmail.com

Roll Number *

5439

Surname *

Rajmane

First Name *

Radhika

Father Name *

Prakash

Mobile Number *

8010552514

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (sairajranavare2007@gmail.com) was recorded on submission of this form.

Email *

sairajranavare2007@gmail.com

Roll Number *

5441

Surname *

Ranavare

First Name *

Sairaj

Father Name *

Sandip

Mobile Number *

8767050375

Group *

☒ A

☐ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
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7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (nisargasutar2007@gmail.com) was recorded on submission of this form.

Email *

nisargasutar2007@gmail.com

Roll Number *

5563

Surname *

Sutar

First Name *

Nisarga

Father Name *

Ravindra

Mobile Number *

9226601164

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**premsshedage9@gmail.com**) was recorded on submission of this form.

Email *

premsshedage9@gmail.com

Roll Number *

5453

Surname *

Shedage

First Name *

Prem

Father Name *

Baburao

Mobile Number *

9322821400

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

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- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

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- ☐ C) Event
- ☐ D) Sample space

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Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (anushkamahadik1407@gmail.com) was recorded on submission of this form.

Email *

anushkamahadik1407@gmail.com

Roll Number *

5379

Surname *

Mahadik

First Name *

Anushkaraje

Father Name *

Uday

Mobile Number *

9579455868

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

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- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
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- ☐ C) 0.5
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- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (s30585377@gmail.com) was recorded on submission of this form.

Email *

s30585377@gmail.com

Roll Number *

5595

Surname *

Akiwate

First Name *

Saloni

Father Name *

Subhash

Mobile Number *

8275192822

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☒ B) nq
- ☐ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
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- ☐ B) Assignable causes
- ☐ C) Artificial causes
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- ☐ B) Human error
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- ☐ B) 0.1
- ☐ C) 0.5
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- ☒ C) A and B Exhaustive
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Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**gourinakil221@gmail.com**) was recorded on submission of this form.

Email *

gourinakil221@gmail.com

Roll Number *

5715

Surname *

Nakil

First Name *

Shraddha

Father Name *

Sunil

Mobile Number *

9145472799

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
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- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

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- ☒ C) A and B Exhaustive
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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (jyotiyadav.19723@gmail.com) was recorded on submission of this form.

Email *

jyotiyadav.19723@gmail.com

Roll Number *

5514

Surname *

Yadav

First Name *

Shravani

Father Name *

Deepak

Mobile Number *

7841813688

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

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- ☒ A) Natural causes
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- ☐ B) Human error
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- ☐ C) A and B Exhaustive
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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (bhargaviingale1@gmail.com) was recorded on submission of this form.

Email *

bhargaviingale1@gmail.com

Roll Number *

5338

Surname *

Ingale

First Name *

Bhargavi

Father Name *

Manoj

Mobile Number *

8668242420

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
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- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
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8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

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10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

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- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**pooja4250jadhav@gmail.com**) was recorded on submission of this form.

Email *

pooja4250jadhav@gmail.com

Roll Number *

5346

Surname *

Jadhav

First Name *

Tanushree

Father Name *

Abhinandan

Mobile Number *

965770314

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
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- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
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- ☒ A) $P(A) + P(B) - P(A \cap B)$
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- ☐ C) $P(A)/P(B)$
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5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
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- ☐ A) Fixed number
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10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

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- ☐ A) A and B independent
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- ☐ C) A and B Exhaustive
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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**indiratanugade48@gmail.com**) was recorded on submission of this form.

Email *

indiratanugade48@gmail.com

Roll Number *

5462

Surname *

Tanugade

First Name *

Indira

Father Name *

Krishnat

Mobile Number *

9511885399

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
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- ☐ A) np
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10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**subodhhingmire05@gmail.com**) was recorded on submission of this form.

Email *

subodhhingmire05@gmail.com

Roll Number *

5571

Surname *

Hingmire

First Name *

Subodh

Father Name *

Deepak

Mobile Number *

9579278855

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**vedikapatil8847@gmail.com**) was recorded on submission of this form.

Email *

vedikapatil8847@gmail.com

Roll Number *

5425

Surname *

Patil

First Name *

Vedika

Father Name *

Sanjay

Mobile Number *

7276658847

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

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- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

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- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

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- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
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- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
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7. Assignable causes include *

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- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

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Then

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- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (adityaingavale5@gmail.com) was recorded on submission of this form.

Email *

adityaingavale5@gmail.com

Roll Number *

5527

Surname *

Ingavale

First Name *

Aditya

Father Name *

Suresh

Mobile Number *

9019464747

Group *

☐ A

☒ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np ☐ B) nq ☒ C) npq ☐ D) $n+p$ 4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

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- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

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- ☐ B) Human error
- ☐ C) Material defect
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- ☐ D) Sample space

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Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**rutik.purohit0303@gmail.com**) was recorded on submission of this form.

Email *

rutik.purohit0303@gmail.com

Roll Number *

5438

Surname *

Purohit

First Name *

Rutik

Father Name *

Devchand

Mobile Number *

9823096139

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

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- ☒ A) Natural causes
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- ☐ A) Fixed number
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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**sakshipowar77@gmail.com**) was recorded on submission of this form.

Email *

sakshipowar77@gmail.com

Roll Number *

5434

Surname *

Powar

First Name *

Sakshi

Father Name *

Shailesh

Mobile Number *

8177868498

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (arshdevale07@gmail.com) was recorded on submission of this form.

Email *

arshdevale07@gmail.com

Roll Number *

5325

Surname *

Devale

First Name *

Mohammad Arsh

Father Name *

Tanveer

Mobile Number *

9923417272

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

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- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
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- ☐ B) Human error
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- ☐ D) Sample space

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- ☐ A) A and B independent
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- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (swaradamugade17@gmail.com) was recorded on submission of this form.

Email *

swaradamugade17@gmail.com

Roll Number *

5320

Surname *

Damugade

First Name *

Swara

Father Name *

Prashant

Mobile Number *

9890602404

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

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☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

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(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (harshitbhanushali777@gmail.com) was recorded on submission of this form.

Email *

harshitbhanushali777@gmail.com

Roll Number *

5304

Surname *

Bhanushali

First Name *

Harshit

Father Name *

Rajesh

Mobile Number *

9075924081

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

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- ☒ C) npq
- ☐ D) n+p

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- ☒ A) $P(A) + P(B) - P(A \cap B)$
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5. $P(A \cap B) = *$

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- ☐ C) $P(A)/P(B)$
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10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

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- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**samarth.npatil05@gmail.com**) was recorded on submission of this form.

Email *

samarth.npatil05@gmail.com

Roll Number *

5416

Surname *

Patil

First Name *

Samarth

Father Name *

Namdev

Mobile Number *

9518954700

Group *

☒ A

☐ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

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- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
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10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**tanufadatare30@gmail.com**) was recorded on submission of this form.

Email *

tanufadatare30@gmail.com

Roll Number *

5668

Surname *

Fadatare

First Name *

Tanishka

Father Name *

Santosh

Mobile Number *

9730958585

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**gholaseshreyas@gmail.com**) was recorded on submission of this form.

Email *

gholaseshreyas@gmail.com

Roll Number *

5488

Surname *

Gholase

First Name *

Shreyas

Father Name *

Uttam

Mobile Number *

9834013152

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**soniyapatil2803@gmail.com**) was recorded on submission of this form.

Email *

soniyapatil2803@gmail.com

Roll Number *

5679

Surname *

Patil

First Name *

Soniya

Father Name *

Umesh

Mobile Number *

7276832803

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (niraja2007@yahoo.com) was recorded on submission of this form.

Email *

niraja2007@yahoo.com

Roll Number *

5572

Surname *

Joshi

First Name *

Niraja

Father Name *

Avinash

Mobile Number *

7517517631

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (shravanirashingkar@gmail.com) was recorded on submission of this form.

Email *

shravanirashingkar@gmail.com

Roll Number *

5442

Surname *

Rashingkar

First Name *

Shravani

Father Name *

Sagar

Mobile Number *

9850108964

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (siddhikrajput70@gmail.com) was recorded on submission of this form.

Email *

siddhikrajput70@gmail.com

Roll Number *

5440

Surname *

Rajput

First Name *

Siddhik

Father Name *

Indrajeet

Mobile Number *

8767498288

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (suryakhandke849@gmail.com) was recorded on submission of this form.

Email *

suryakhandke849@gmail.com

Roll Number *

5365

Surname *

Khandke

First Name *

Surya

Father Name *

Mahesh

Mobile Number *

8975758716

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☒ B) Human error
- ☐ C) Material defect
- ☐ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**tanishsapre183@gmail.com**) was recorded on submission of this form.

Email *

tanishsapre183@gmail.com

Roll Number *

5448

Surname *

Sapre

First Name *

Tanish

Father Name *

Swapnil

Mobile Number *

7498888511

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (vedantimahajan2007@gmail.com) was recorded on submission of this form.

Email *

vedantimahajan2007@gmail.com

Roll Number *

5381

Surname *

Mahajan

First Name *

Vedanti

Father Name *

Vivek

Mobile Number *

7798872813

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (kmpatil890@gmail.com) was recorded on submission of this form.

Email *

kmpatil890@gmail.com

Roll Number *

5411

Surname *

Patil

First Name *

Kuldip

Father Name *

Mahadev

Mobile Number *

7020057347

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☐ A) $P(A|B)P(B)$
- ☒ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (gavalishreyas9764@gmail.com) was recorded on submission of this form.

Email *

gavalishreyas9764@gmail.com

Roll Number *

5708

Surname *

Gavali

First Name *

Shreyas

Father Name *

Sunil

Mobile Number *

8605944575

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (rihanmestri60@gmail.com) was recorded on submission of this form.

Email *

rihanmestri60@gmail.com

Roll Number *

5635

Surname *

Mestri

First Name *

Rihan

Father Name *

Asif

Mobile Number *

9022504637

Group *

☐ A

☒ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np ☐ B) nq ☒ C) npq ☐ D) $n+p$ 4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**armanpakhali1211@gmail.com**) was recorded on submission of this form.

Email *

armanpakhali1211@gmail.com

Roll Number *

5397

Surname *

Pakhali

First Name *

Arman

Father Name *

Aslam

Mobile Number *

7387125545

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

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Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (arc123chavan@gmail.com) was recorded on submission of this form.

Email *

arc123chavan@gmail.com

Roll Number *

5604

Surname *

Chavan

First Name *

Shweta

Father Name *

Atul

Mobile Number *

9579125558

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**kaifu2207@gmail.com**) was recorded on submission of this form.

Email *

kaifu2207@gmail.com

Roll Number *

5404

Surname *

Patel

First Name *

Mahammadkaif

Father Name *

Ashpak

Mobile Number *

8421968211

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**parshrampatil814@gmail.com**) was recorded on submission of this form.

Email *

parshrampatil814@gmail.com

Roll Number *

5415

Surname *

PATIL

First Name *

SAKSHI

Father Name *

PARSHRAM

Mobile Number *

7498757060

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☒ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☐ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**pragatipatil200630@gmail.com**) was recorded on submission of this form.

Email *

pragatipatil200630@gmail.com

Roll Number *

5586

Surname *

Patil

First Name *

Pragati

Father Name *

Rajgonda

Mobile Number *

9284607480

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☐ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☒ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (s13818358@gmail.com) was recorded on submission of this form.

Email *

s13818358@gmail.com

Roll Number *

5592

Surname *

Shaikh

First Name *

Suhana

Father Name *

Mustak

Mobile Number *

9272197971

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (tejaspatil9655@gmail.com) was recorded on submission of this form.

Email *

tejaspatil9655@gmail.com

Roll Number *

5648

Surname *

Patil

First Name *

Tejas

Father Name *

Nandkumar

Mobile Number *

7972049202

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**rajveerpowar256@gmail.com**) was recorded on submission of this form.

Email *

rajveerpowar256@gmail.com

Roll Number *

5433

Surname *

Powar

First Name *

Rajveer

Father Name *

Baliram

Mobile Number *

7057033800

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (mahajansaksham257@gmail.com) was recorded on submission of this form.

Email *

mahajansaksham257@gmail.com

Roll Number *

5579

Surname *

Mahajan

First Name *

Saksham

Father Name *

Girish

Mobile Number *

9561626661

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**gurunathpatil2006@gmail.com**) was recorded on submission of this form.

Email *

gurunathpatil2006@gmail.com

Roll Number *

5409

Surname *

Patil

First Name *

Gurunath

Father Name *

Dadu

Mobile Number *

8431243177

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**shrinands14@gmail.com**) was recorded on submission of this form.

Email *

shrinands14@gmail.com

Roll Number *

5324

Surname *

Deshpande

First Name *

Shrinand

Father Name *

Prashant

Mobile Number *

8421831569

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (pratikshapowar9999@gmail.com) was recorded on submission of this form.

Email *

pratikshapowar9999@gmail.com

Roll Number *

5432

Surname *

Powar

First Name *

Pratiksha

Father Name *

Krishnat

Mobile Number *

8767124082

Group *

☒ A

☐ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**dnyaneshwari02patil@gmail.com**) was recorded on submission of this form.

Email *

dnyaneshwari02patil@gmail.com

Roll Number *

5420

Surname *

Patil

First Name *

Shaurya

Father Name *

Jeevan

Mobile Number *

8767912711

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (jadhavranjit905@gmail.com) was recorded on submission of this form.

Email *

jadhavranjit905@gmail.com

Roll Number *

5344

Surname *

Jadhav

First Name *

Ranjit

Father Name *

Madan

Mobile Number *

7058282333

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**tanveern482@gmail.com**) was recorded on submission of this form.

Email *

tanveern482@gmail.com

Roll Number *

5390

Surname *

Nadaf

First Name *

Tanveer

Father Name *

Suraj

Mobile Number *

9922563953

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
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6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (okotkar00@gmail.com) was recorded on submission of this form.

Email *

okotkar00@gmail.com

Roll Number *

5573

Surname *

Kotkar

First Name *

Omkar

Father Name *

Satish

Mobile Number *

9049406068

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**samikshaoswal255@gmail.com**) was recorded on submission of this form.

Email *

samikshaoswal255@gmail.com

Roll Number *

5677

Surname *

Oswal

First Name *

Samiksha

Father Name *

Dilip

Mobile Number *

8668932425

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☐ C) Sample Space
- ☒ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

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- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (sejuotari07@gmail.com) was recorded on submission of this form.

Email *

sejuotari07@gmail.com

Roll Number *

5396

Surname *

Otari

First Name *

Sejal

Father Name *

Vishal

Mobile Number *

8983926524

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

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- ☐ A) Machine fault
- ☐ B) Human error
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- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (nilimadabhade2008@gmail.com) was recorded on submission of this form.

Email *

nilimadabhade2008@gmail.com

Roll Number *

5610

Surname *

Dabhade

First Name *

Nilima

Father Name *

Nitin

Mobile Number *

7057909755

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

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- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

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- ☐ A) Fixed number
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- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

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- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (shambhavarulkar1@gmail.com) was recorded on submission of this form.

Email *

shambhavarulkar1@gmail.com

Roll Number *

5387

Surname *

Marulkar

First Name *

Shambhavi

Father Name *

Girish

Mobile Number *

9421465645

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

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- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

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- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**pravingaikwad3114@gmail.com**) was recorded on submission of this form.

Email *

pravingaikwad3114@gmail.com

Roll Number *

5613

Surname *

Gaikwad

First Name *

Madhura

Father Name *

Pravin

Mobile Number *

9730679057

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) $n+p$

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☒ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**shrushtipandit63@gmail.com**) was recorded on submission of this form.

Email *

shrushtipandit63@gmail.com

Roll Number *

5398

Surname *

Pandit

First Name *

Shrushti

Father Name *

Sudhirkumar

Mobile Number *

9607279372

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
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- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
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8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (aryandarde6801@gmail.com) was recorded on submission of this form.

Email *

aryandarde6801@gmail.com

Roll Number *

5322

Surname *

Darde

First Name *

Aryan

Father Name *

Kiran

Mobile Number *

9422048819

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
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- ☐ B) 0.1
- ☐ C) 0.5
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- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (sayaliravan97@gmail.com) was recorded on submission of this form.

Email *

sayaliravan97@gmail.com

Roll Number *

5444

Surname *

Ravan

First Name *

Sayali

Father Name *

Sunil

Mobile Number *

9021967942

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

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- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

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- ☐ A) np
- ☒ B) nq
- ☐ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
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5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
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6. Chance causes are *

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- ☐ A) Machine fault
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- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☒ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (shraddha3557@gmail.com) was recorded on submission of this form.

Email *

shraddha3557@gmail.com

Roll Number *

5468

Surname *

Zambare

First Name *

Shraddha

Father Name *

Shivaji

Mobile Number *

9422643557

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☒ B) nq
- ☐ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☐ A) Natural causes
- ☒ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☒ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (kiranghatageca@gmail.com) was recorded on submission of this form.

Email *

kiranghatageca@gmail.com

Roll Number *

5669

Surname *

Ghatage

First Name *

Kiran

Father Name *

Kishor

Mobile Number *

7083402987

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

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- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (Shhrutipawar@gmail.com) was recorded on submission of this form.

Email *

Shhrutipawar@gmail.com

Roll Number *

5428

Surname *

Pawar

First Name *

Shruti

Father Name *

Arvind

Mobile Number *

8627905123

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (raeechavan123@gmail.com) was recorded on submission of this form.

Email *

raeechavan123@gmail.com

Roll Number *

5308

Surname *

CHAVAN

First Name *

RAEE

Father Name *

RUPESH

Mobile Number *

8446476466

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (laxmisutat@gmail.com) was recorded on submission of this form.

Email *

laxmisutat@gmail.com

Roll Number *

5562

Surname *

Sutar

First Name *

Laxmi

Father Name *

Mohan

Mobile Number *

7276560075

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

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- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (khotshivani34@gmail.com) was recorded on submission of this form.

Email *

khotshivani34@gmail.com

Roll Number *

5368

Surname *

Khot

First Name *

Shivani

Father Name *

Uttam

Mobile Number *

7666697674

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
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8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (suhasgawade045@gmail.com) was recorded on submission of this form.

Email *

suhasgawade045@gmail.com

Roll Number *

5329

Surname *

Gawade

First Name *

Suhas

Father Name *

Suryakant

Mobile Number *

8999217226

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
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7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
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8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (shraddhagunjate374@gmail.com) was recorded on submission of this form.

Email *

shraddhagunjate374@gmail.com

Roll Number *

5334

Surname *

Gunjate

First Name *

Shraddha

Father Name *

Pradeep

Mobile Number *

7588512695

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
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6. Chance causes are *

- ☒ A) Natural causes
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- ☐ B) Human error
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- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

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- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (bhaktipatil19696@email.com) was recorded on submission of this form.

Email *

bhaktipatil19696@email.com

Roll Number *

6546

Surname *

Patil

First Name *

Bhakti

Father Name *

Namdev

Mobile Number *

9699317041

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☐ C) Sample Space
- ☒ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
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- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) $n+p$

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
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5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
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- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (omkarsahastrabudhe6@gmail.com) was recorded on submission of this form.

Email *

omkarsahastrabudhe6@gmail.com

Roll Number *

5654

Surname *

Sahastrabudhe

First Name *

Omkar

Father Name *

Dhananjay

Mobile Number *

9373249681

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☐ A) 0.7
- ☐ B) 0.1
- ☒ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (atharvchavan2154@gmail.com) was recorded on submission of this form.

Email *

atharvchavan2154@gmail.com

Roll Number *

5307

Surname *

Chavan

First Name *

Atharv

Father Name *

Vitthal

Mobile Number *

8261945273

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☐ A) 0.7
- ☒ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**guruprasadraut17@gmail.com**) was recorded on submission of this form.

Email *

guruprasadraut17@gmail.com

Roll Number *

5443

Surname *

Raut

First Name *

Guruprasad

Father Name *

Suresh

Mobile Number *

8483042927

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (ridhimakhade@gmail.com) was recorded on submission of this form.

Email *

ridhimakhade@gmail.com

Roll Number *

5363

Surname *

Khade

First Name *

Ridhima

Father Name *

Indrajeet

Mobile Number *

9529500419

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (shivchavan0404@gmail.com) was recorded on submission of this form.

Email *

shivchavan0404@gmail.com

Roll Number *

5310

Surname *

Chavan

First Name *

Shivdeep

Father Name *

Dilip

Mobile Number *

9145470404

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☒ B) Human error
- ☐ C) Material defect
- ☐ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (harshpatel225522@gmail.com) was recorded on submission of this form.

Email *

harshpatel225522@gmail.com

Roll Number *

5403

Surname *

Patel

First Name *

Harsh

Father Name *

Mahesh

Mobile Number *

9022552212

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☒ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**manjunathsvathare@gmail.com**) was recorded on submission of this form.

Email *

manjunathsvathare@gmail.com

Roll Number *

5465

Surname *

Vathare

First Name *

Manjunath

Father Name *

Santosh

Mobile Number *

9019443376

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (vighneshnayakal4345@gmail.com) was recorded on submission of this form.

Email *

vighneshnayakal4345@gmail.com

Roll Number *

5393

Surname *

Nayakal

First Name *

Vighnesh

Father Name *

Prakash

Mobile Number *

7721004345

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (veenabagal31@gmail.com) was recorded on submission of this form.

Email *

veenabagal31@gmail.com

Roll Number *

5516

Surname *

Bagal

First Name *

Devraj

Father Name *

Nitin

Mobile Number *

8308674914

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (jaary1288@gmail.com) was recorded on submission of this form.

Email *

jaary1288@gmail.com

Roll Number *

5349

Surname *

Joshi

First Name *

Aary

Father Name *

Narendra

Mobile Number *

9404212816

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (vpalangiya@gmail.com) was recorded on submission of this form.

Email *

vpalangiya@gmail.com

Roll Number *

5326

Surname *

Dhere

First Name *

Rajnandini

Father Name *

Yuvraj

Mobile Number *

7756869110

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**koyandeadwik@gmail.com**) was recorded on submission of this form.

Email *

koyandeadwik@gmail.com

Roll Number *

9307974297

Surname *

Koyande

First Name *

Adwik

Father Name *

Dwijkant

Mobile Number *

9307974297

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**samruddhjadhav17@gmail.com**) was recorded on submission of this form.

Email *

samruddhjadhav17@gmail.com

Roll Number *

5345

Surname *

Jadhav

First Name *

Samruddha

Father Name *

Sachin

Mobile Number *

9933525577

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☐ A) Natural causes
- ☒ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (mitalimk1712@gmail.com) was recorded on submission of this form.

Email *

mitalimk1712@gmail.com

Roll Number *

5575

Surname *

Kulkarni

First Name *

Mitali

Father Name *

Manoj

Mobile Number *

7020923984

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (viralmaniyar49@gmail.com) was recorded on submission of this form.

Email *

viralmaniyar49@gmail.com

Roll Number *

5386

Surname *

Maniyar

First Name *

Viral

Father Name *

Mitesh

Mobile Number *

9665098129

Group *

☒ A

☐ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (mahadev93450@gmail.com) was recorded on submission of this form.

Email *

mahadev93450@gmail.com

Roll Number *

5513

Surname *

Teli

First Name *

Mahadev

Father Name *

Milind

Mobile Number *

9371849345

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**kakadeshreya2703@gmail.com**) was recorded on submission of this form.

Email *

kakadeshreya2703@gmail.com

Roll Number *

5626

Surname *

Kakade

First Name *

Shreya

Father Name *

Saneet

Mobile Number *

8263962782

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (kumbhartanishka66@gmail.com) was recorded on submission of this form.

Email *

kumbhartanishka66@gmail.com

Roll Number *

5576

Surname *

Kumbhar

First Name *

Tanishka

Father Name *

Ganesh

Mobile Number *

9168698834

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☐ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☒ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (bhosalesai116@gmail.com) was recorded on submission of this form.

Email *

bhosalesai116@gmail.com

Roll Number *

5566

Surname *

Bhosale

First Name *

Sai

Father Name *

Sangram

Mobile Number *

7757042919

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☐ B) $P(A \cap B) = 0$
- ☒ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☐ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☒ D) None

7. Assignable causes include *

- ☒ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☐ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☒ A) Fixed number
- ☐ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☒ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (ranveeringawale@gmail.com) was recorded on submission of this form.

Email *

ranveeringawale@gmail.com

Roll Number *

5339

Surname *

INGAWALE

First Name *

RANVEER

Father Name *

DHAIRYASHEEL

Mobile Number *

9175759393

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (sbjadhav2006@gmail.com) was recorded on submission of this form.

Email *

sbjadhav2006@gmail.com

Roll Number *

5621

Surname *

Jadhav

First Name *

Sourabh

Father Name *

Baburao

Mobile Number *

8208750087

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**karandevaibhavi0@gmail.com**) was recorded on submission of this form.

Email *

karandevaibhavi0@gmail.com

Roll Number *

5532

Surname *

KARANDE

First Name *

VAIBHAVI

Father Name *

DAYANAND

Mobile Number *

9699106211

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☐ B) $P(A \cap B) = 0$
- ☒ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (atharvshinde5621l@gmail.com) was recorded on submission of this form.

Email *

atharvshinde5621l@gmail.com

Roll Number *

5681

Surname *

Shinde

First Name *

Atharv

Father Name *

Sachin

Mobile Number *

9579830730

Group *

☐ A

☒ B

Division *

☒ A (Marathi)☐ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**sourabhpattanshetti12345@gmail.com**) was recorded on submission of this form.

Email *

sourabhpattanshetti12345@gmail.com

Roll Number *

5426

Surname *

Pattanshetti

First Name *

Sourabh

Father Name *

Dhanappa

Mobile Number *

9766362734

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**samruddhichavan252@gmail.com**) was recorded on submission of this form.

Email *

samruddhichavan252@gmail.com

Roll Number *

5483

Surname *

Chavan

First Name *

Samruddhi

Father Name *

Baban

Mobile Number *

9579663531

Group *

☐ A

☒ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np ☐ B) nq ☒ C) npq ☐ D) $n+p$ 4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (ankitakashid2329@gmail.com) was recorded on submission of this form.

Email *

ankitakashid2329@gmail.com

Roll Number *

5690

Surname *

Kashid

First Name *

Ankita

Father Name *

Dhanaji

Mobile Number *

9356909377

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☐ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
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6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
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7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
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- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☒ A) Fixed number
- ☐ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**kanishkpharale24@gmail.com**) was recorded on submission of this form.

Email *

kanishkpharale24@gmail.com

Roll Number *

5429

Surname *

Pharale

First Name *

Kanishk

Father Name *

Amar

Mobile Number *

9325936266

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**khushiya021@gmail.com**) was recorded on submission of this form.

Email *

khushiya021@gmail.com

Roll Number *

5466

Surname *

Vyas

First Name *

Khushi

Father Name *

Jigneshbhai

Mobile Number *

8460061225

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (narayanlalpurohit142@gmail.com) was recorded on submission of this form.

Email *

narayanlalpurohit142@gmail.com

Roll Number *

5589

Surname *

Purohit

First Name *

Rajkumar

Father Name *

Narayanlal

Mobile Number *

8624934370

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**sheteshravani5115@gmail.com**) was recorded on submission of this form.

Email *

sheteshravani5115@gmail.com

Roll Number *

5454

Surname *

Shete

First Name *

Shravani

Father Name *

Sachin

Mobile Number *

9356195556

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) $n+p$

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☒ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Institute)

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Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (aditikhatangale@gmail.com) was recorded on submission of this form.

Email *

aditikhatangale@gmail.com

Roll Number *

5366

Surname *

Khatangale

First Name *

Aditi

Father Name *

Balasaheb

Mobile Number *

9359858097

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (tejas pawar001166@gmail.com) was recorded on submission of this form.

Email *

tejas pawar001166@gmail.com

Roll Number *

5502

Surname *

Pawar

First Name *

Tejas

Father Name *

Rahul

Mobile Number *

9928628143

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☒ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (shrutibodake3@gmail.com) was recorded on submission of this form.

Email *

shrutibodake3@gmail.com

Roll Number *

5306

Surname *

Bodake

First Name *

Kanishka

Father Name *

Rahul

Mobile Number *

9960952027

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (amrutajadhav1027@gmail.com) was recorded on submission of this form.

Email *

amrutajadhav1027@gmail.com

Roll Number *

5689

Surname *

Jadhav

First Name *

Amruta

Father Name *

Ashok

Mobile Number *

9209293826

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (jidnyasaashah@gmail.com) was recorded on submission of this form.

Email *

jidnyasaashah@gmail.com

Roll Number *

5559

Surname *

Shah

First Name *

Jidnyasaa

Father Name *

Kalpesh

Mobile Number *

8369111233

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**ghugaretanishka@gmail.com**) was recorded on submission of this form.

Email *

ghugaretanishka@gmail.com

Roll Number *

5331

Surname *

Ghugare

First Name *

Tanishka

Father Name *

Nagesh

Mobile Number *

9588663414

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**sanvishah0201@gmail.com**) was recorded on submission of this form.

Email *

sanvishah0201@gmail.com

Roll Number *

5451

Surname *

Shah

First Name *

Sanvi

Father Name *

Sachin

Mobile Number *

7058530107

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (anishapawar1389@gmail.com) was recorded on submission of this form.

Email *

anishapawar1389@gmail.com

Roll Number *

5726

Surname *

Pawar

First Name *

Anisha

Father Name *

Anil

Mobile Number *

9209918818

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☒ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☐ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**vivekkatkar8975@gmail.com**) was recorded on submission of this form.

Email *

vivekkatkar8975@gmail.com

Roll Number *

5716

Surname *

Katkar

First Name *

Vivek

Father Name *

Madhukar

Mobile Number *

9545258137

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (vaibhavishinde79@gmail.com) was recorded on submission of this form.

Email *

vaibhavishinde79@gmail.com

Roll Number *

5560

Surname *

Shinde

First Name *

Vaibhavi

Father Name *

Ravindra

Mobile Number *

9156323250

Group *

☐ A

☒ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np ☐ B) nq ☒ C) npq ☐ D) $n+p$ 4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (jadhavamarja05@gmail.com) was recorded on submission of this form.

Email *

jadhavamarja05@gmail.com

Roll Number *

5341

Surname *

Jadhav

First Name *

Amarja

Father Name *

Anand

Mobile Number *

7249392735

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (atharvbhatal@gmail.com) was recorded on submission of this form.

Email *

atharvbhatal@gmail.com

Roll Number *

5666

Surname *

Bhatal

First Name *

Adarsh

Father Name *

Maruti

Mobile Number *

9403257248

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) $n+p$

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**shayan.hakim9692@gmail.com**) was recorded on submission of this form.

Email *

shayan.hakim9692@gmail.com

Roll Number *

5335

Surname *

Hakim

First Name *

Shayan

Father Name *

Saifraj

Mobile Number *

9527515677

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (ayeshabargir2008@gmail.com) was recorded on submission of this form.

Email *

ayeshabargir2008@gmail.com

Roll Number *

5597

Surname *

Bargir

First Name *

Ayesha

Father Name *

Asif

Mobile Number *

8799910010

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (nimitwadhvani94@gmail.com) was recorded on submission of this form.

Email *

nimitwadhvani94@gmail.com

Roll Number *

5467

Surname *

Wadhvani

First Name *

Nimit

Father Name *

Prakash

Mobile Number *

9370783464

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np ☐ B) nq ☒ C) npq ☐ D) $n+p$ 4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**shingade7755@gmail.com**) was recorded on submission of this form.

Email *

shingade7755@gmail.com

Roll Number *

5510

Surname *

Shingade

First Name *

Viraj

Father Name *

Dipak

Mobile Number *

7755980196

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

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- ☐ B) 0.1
- ☐ C) 0.5
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10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
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- ☒ C) A and B Exhaustive
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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (zaid.momin1102@gmail.com) was recorded on submission of this form.

Email *

zaid.momin1102@gmail.com

Roll Number *

5389

Surname *

Momin

First Name *

Zaid

Father Name *

Irfan

Mobile Number *

9022754746

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) $n+p$

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

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- ☒ A) Natural causes
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- ☐ A) Machine fault
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- ☐ C) Event
- ☐ D) Sample space

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- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
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Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (rohankhetal76@gmail.com) was recorded on submission of this form.

Email *

rohankhetal76@gmail.com

Roll Number *

5367

Surname *

Khetal

First Name *

Rohan

Father Name *

Sanjay

Mobile Number *

8766458286

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
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Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (avadhutc53@gmail.com) was recorded on submission of this form.

Email *

avadhutc53@gmail.com

Roll Number *

5601

Surname *

Chavan

First Name *

Avadhut

Father Name *

Sudhakar

Mobile Number *

9764595240

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
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- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

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- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
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5. $P(A \cap B) = *$

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Institute)

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Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (s47938544@gmail.com) was recorded on submission of this form.

Email *

s47938544@gmail.com

Roll Number *

5520

Surname *

Bhosale

First Name *

Rutuja

Father Name *

Ramkishan

Mobile Number *

9067420755

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
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- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
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3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
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- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**kambleaditikop@gmail.com**) was recorded on submission of this form.

Email *

kambleaditikop@gmail.com

Roll Number *

5671

Surname *

Kamble

First Name *

Aditi

Father Name *

Amar

Mobile Number *

9168012908

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
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3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
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- ☒ A) $P(A) + P(B) - P(A \cap B)$
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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (shraddhapatil.01@gmail.com) was recorded on submission of this form.

Email *

shraddhapatil.01@gmail.com

Roll Number *

5421

Surname *

Patil

First Name *

Shraddha

Father Name *

Pravin

Mobile Number *

9371461925

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
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- ☐ A) $P(A \cap B) = 1$
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3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

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- ☒ A) $P(A) + P(B) - P(A \cap B)$
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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**chouguleaachal@gmail.com**) was recorded on submission of this form.

Email *

chouguleaachal@gmail.com

Roll Number *

5315

Surname *

Chougule

First Name *

Aachal

Father Name *

Anantnath

Mobile Number *

9405648807

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
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- ☐ D) Probability

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- ☐ A) $P(A \cap B) = 1$
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3. Variance of binomial distribution is *

- ☐ A) np
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- ☐ C) A and B Exhaustive
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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (atharvasarnobat28@gmail.com) was recorded on submission of this form.

Email *

atharvasarnobat28@gmail.com

Roll Number *

5449

Surname *

Sarnobat

First Name *

Atharva

Father Name *

Hiraji

Mobile Number *

9699366286

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**samagepurva@gmail.com**) was recorded on submission of this form.

Email *

samagepurva@gmail.com

Roll Number *

5446

Surname *

Samage

First Name *

Purva

Father Name *

Anil

Mobile Number *

9921047779

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (sureshulape123@gmail.com) was recorded on submission of this form.

Email *

sureshulape123@gmail.com

Roll Number *

5564

Surname *

Ulope

First Name *

Shraddha

Father Name *

Suresh

Mobile Number *

9975122121

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**sayalipowar83@gmail.com**) was recorded on submission of this form.

Email *

sayalipowar83@gmail.com

Roll Number *

5697

Surname *

Powar

First Name *

Sayali

Father Name *

Uttam

Mobile Number *

7083078002

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (malipratik918@gmail.com) was recorded on submission of this form.

Email *

malipratik918@gmail.com

Roll Number *

5580

Surname *

Mali

First Name *

Pratik

Father Name *

Balkrushna

Mobile Number *

9420624573

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**kabeerneehalpathan@gmail.com**) was recorded on submission of this form.

Email *

kabeerneehalpathan@gmail.com

Roll Number *

5405

Surname *

Pathan

First Name *

Kabeer

Father Name *

Neehal

Mobile Number *

9822803344

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☐ B) Function of outcomes
- ☒ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (atharvshinde2712@gmail.com) was recorded on submission of this form.

Email *

atharvshinde2712@gmail.com

Roll Number *

5508

Surname *

Shinde

First Name *

Atharv

Father Name *

Baburao

Mobile Number *

8767886121

Group *

☐ A

☒ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
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- ☐ D) None

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- ☐ A) Machine fault
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- ☐ C) Material defect
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- ☐ B) 0.1
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- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

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- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**nandanakulkarni08@gmail.com**) was recorded on submission of this form.

Email *

nandanakulkarni08@gmail.com

Roll Number *

5372

Surname *

Kulkarni

First Name *

Nandana

Father Name *

Amit

Mobile Number *

7620364068

Group *

☒ A

☐ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
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6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
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- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
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8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
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- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
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- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (rhishita27@gmail.com) was recorded on submission of this form.

Email *

rhishita27@gmail.com

Roll Number *

5413

Surname *

Patil

First Name *

Rhishita

Father Name *

Deepak

Mobile Number *

8208755050

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
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5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
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6. Chance causes are *

- ☒ A) Natural causes
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- ☐ A) Fixed number
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- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (bhawanij276@gmail.com) was recorded on submission of this form.

Email *

bhawanij276@gmail.com

Roll Number *

5350

Surname *

Joshi

First Name *

Bhawani

Father Name *

Pawankumar

Mobile Number *

8999400455

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (omiiyadav4578@gmail.com) was recorded on submission of this form.

Email *

omiiyadav4578@gmail.com

Roll Number *

5661

Surname *

Yadav

First Name *

Omkar

Father Name *

Tukaram

Mobile Number *

9960411245

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (anaghatakale@gmail.com) was recorded on submission of this form.

Email *

anaghatakale@gmail.com

Roll Number *

5461

Surname *

Takale

First Name *

Anagha

Father Name *

Jivandhar

Mobile Number *

9561985372

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (priyavaidya1004@gmail.com) was recorded on submission of this form.

Email *

priyavaidya1004@gmail.com

Roll Number *

5464

Surname *

Vaidya

First Name *

Priya

Father Name *

Dattatray

Mobile Number *

8600388760

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (madhavs40@gmail.com) was recorded on submission of this form.

Email *

madhavs40@gmail.com

Roll Number *

5343

Surname *

Jadhav

First Name *

Madhav

Father Name *

Suhas

Mobile Number *

9561352459

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (shriharidesai09@gmail.com) was recorded on submission of this form.

Email *

shriharidesai09@gmail.com

Roll Number *

5323

Surname *

Desai

First Name *

Shrihari

Father Name *

Rajendra

Mobile Number *

9175059151

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**kondairuchita@gmail.com**) was recorded on submission of this form.

Email *

kondairuchita@gmail.com

Roll Number *

5369

Surname *

Kondai

First Name *

Ruchita

Father Name *

Rajendra

Mobile Number *

9309471838

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☒ B) nq
- ☐ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (vedang839@gmail.com) was recorded on submission of this form.

Email *

vedang839@gmail.com

Roll Number *

5347

Surname *

Jadhav

First Name *

Vedang

Father Name *

Sangram

Mobile Number *

9970969223

Group *

☒ A

☐ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (saishhinde341@gmail.com) was recorded on submission of this form.

Email *

saishhinde341@gmail.com

Roll Number *

5456

Surname *

Shinde

First Name *

Saee

Father Name *

Santosh

Mobile Number *

9322029200

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**hanmant.patole321@gmail.com**) was recorded on submission of this form.

Email *

hanmant.patole321@gmail.com

Roll Number *

5649

Surname *

Patole

First Name *

Rohini

Father Name *

Hanmant

Mobile Number *

9322674112

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (siddhijoundal@gmail.com) was recorded on submission of this form.

Email *

siddhijoundal@gmail.com

Roll Number *

5530

Surname *

Joundal

First Name *

Siddhi

Father Name *

Sachin

Mobile Number *

9766052102

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (shraddhakanurkar30@gmail.com) was recorded on submission of this form.

Email *

shraddhakanurkar30@gmail.com

Roll Number *

5359

Surname *

Kanurkar

First Name *

Shraddha

Father Name *

Maruti

Mobile Number *

7887933560

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**kavalesai2@gmail.com**) was recorded on submission of this form.

Email *

kavalesai2@gmail.com

Roll Number *

5492

Surname *

Kavale

First Name *

Sai

Father Name *

Rajendra

Mobile Number *

9699805800

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

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Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**makhijakrishna593@gmail.com**) was recorded on submission of this form.

Email *

makhijakrishna593@gmail.com

Roll Number *

5382

Surname *

Makhija

First Name *

Krishna

Father Name *

Sushil

Mobile Number *

9766889850

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (sameerharer@gmail.com) was recorded on submission of this form.

Email *

sameerharer@gmail.com

Roll Number *

5489

Surname *

Harer

First Name *

Samir

Father Name *

Dinesh

Mobile Number *

83906 00580

Group *

☐ A

☒ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (purohitpratham0@gmail.comp) was recorded on submission of this form.

Email *

purohitpratham0@gmail.comp

Roll Number *

5549

Surname *

Purohit

First Name *

Pratham

Father Name *

Ramesh

Mobile Number *

8830988188

Group *

☐ A

☒ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
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- ☐ C) $P(A)/P(B)$
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- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
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8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
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- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

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- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (aryannikam312@gmail.com) was recorded on submission of this form.

Email *

aryannikam312@gmail.com

Roll Number *

5721

Surname *

Nikam

First Name *

Aryan

Father Name *

Amar

Mobile Number *

9309020067

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (utkarshaborpalkar@gmail.com) was recorded on submission of this form.

Email *

utkarshaborpalkar@gmail.com

Roll Number *

5481

Surname *

Borpalkar

First Name *

Utkarsha

Father Name *

Sujit

Mobile Number *

8483093674

Group *

☐ A

☒ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
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- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

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- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (ayushpatil13082007@gmail.com) was recorded on submission of this form.

Email *

ayushpatil13082007@gmail.com

Roll Number *

5584

Surname *

Patil

First Name *

Ayush

Father Name *

Uttam

Mobile Number *

7387577400

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (sutarbhagwan1@gmail.com) was recorded on submission of this form.

Email *

sutarbhagwan1@gmail.com

Roll Number *

5460

Surname *

Sutar

First Name *

Revansiddh

Father Name *

Bhagwan

Mobile Number *

7499756063

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (saadchikode@gmail.com) was recorded on submission of this form.

Email *

saadchikode@gmail.com

Roll Number *

5605

Surname *

Chikode

First Name *

Saad

Father Name *

Ibrahim

Mobile Number *

8390771315

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☐ A) $P(A) + P(B) - P(A \cap B)$
- ☒ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☒ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (siddhiaswale9@gmail.com) was recorded on submission of this form.

Email *

siddhiaswale9@gmail.com

Roll Number *

5303

Surname *

Aswale

First Name *

Siddhi

Father Name *

Subhash

Mobile Number *

7385437480

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (saieechikode15@gmail.com) was recorded on submission of this form.

Email *

saieechikode15@gmail.com

Roll Number *

5313

Surname *

Chikode

First Name *

Saiee

Father Name *

Yogeshwar

Mobile Number *

9763725710

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☐ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☒ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**abhishekpanditrao278@gmail.com**) was recorded on submission of this form.

Email *

abhishekpanditrao278@gmail.com

Roll Number *

5399

Surname *

panditrao

First Name *

Abhishek

Father Name *

nikhil

Mobile Number *

9561534599

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**darshanipatil0504@gmail.com**) was recorded on submission of this form.

Email *

darshanipatil0504@gmail.com

Roll Number *

5408

Surname *

Patil

First Name *

Darshani

Father Name *

Sagar

Mobile Number *

9673852050

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (jirageswayam7@gmail.com) was recorded on submission of this form.

Email *

jirageswayam7@gmail.com

Roll Number *

5491

Surname *

Jirage

First Name *

Swayam

Father Name *

Rahul

Mobile Number *

7498122875

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (pratyushabugade@gmail.com) was recorded on submission of this form.

Email *

pratyushabugade@gmail.com

Roll Number *

5470

Surname *

BUGADE

First Name *

PRATYUSHA

Father Name *

PRAKASH

Mobile Number *

7218293900

Group *

☒ A

☐ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**parthprabhavale282@gmail.com**) was recorded on submission of this form.

Email *

parthprabhavale282@gmail.com

Roll Number *

5436

Surname *

Prabhavale

First Name *

Parth

Father Name *

Sandip

Mobile Number *

8308358128

Group *

☒ A

☐ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (riiyyaa28042007@gmail.com) was recorded on submission of this form.

Email *

riiyyaa28042007@gmail.com

Roll Number *

5414

Surname *

patil

First Name *

Riya

Father Name *

Bajirao

Mobile Number *

9226236001

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

This content is neither created nor endorsed by Google.

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (shubhamkesarkar227@gmail.com) was recorded on submission of this form.

Email *

shubhamkesarkar227@gmail.com

Roll Number *

5630

Surname *

Kesarkar

First Name *

Shubham

Father Name *

Vikas

Mobile Number *

9146362591

Group *

☐ A

☒ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np ☐ B) nq ☒ C) npq ☐ D) $n+p$ 4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (hujareathrav13@gmail.com) was recorded on submission of this form.

Email *

hujareathrav13@gmail.com

Roll Number *

5336

Surname *

Hujare

First Name *

Atharv

Father Name *

Rahul

Mobile Number *

9021528720

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**harshitkothari6051@gmail.com**) was recorded on submission of this form.

Email *

harshitkothari6051@gmail.com

Roll Number *

5494

Surname *

Kothari

First Name *

Harshit

Father Name *

Paras

Mobile Number *

8432048282

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**nagarajpatakare364@gmail.com**) was recorded on submission of this form.

Email *

nagarajpatakare364@gmail.com

Roll Number *

5402

Surname *

Patakare

First Name *

Nagaraj

Father Name *

Babu

Mobile Number *

7276569894

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**gauripalange82@gmail.com**) was recorded on submission of this form.

Email *

gauripalange82@gmail.com

Roll Number *

5477

Surname *

Palange

First Name *

Gauri

Father Name *

Mahadev

Mobile Number *

8149043428

Group *

☒ A

☐ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☒ A) np
- ☐ B) nq
- ☐ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (sarovashripowar@gmail.com) was recorded on submission of this form.

Email *

sarovashripowar@gmail.com

Roll Number *

5435

Surname *

Powar

First Name *

Sarovashri

Father Name *

Santosh

Mobile Number *

7219721023

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (yashshreekale2@gmail.com) was recorded on submission of this form.

Email *

yashshreekale2@gmail.com

Roll Number *

5353

Surname *

Kale

First Name *

Yashshree

Father Name *

Abhijit

Mobile Number *

8262818453

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (aaditiasawale@gmail.com) was recorded on submission of this form.

Email *

aaditiasawale@gmail.com

Roll Number *

5302

Surname *

Asawale

First Name *

Aaditi

Father Name *

Abhijit

Mobile Number *

9112426887

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**mouryaritesh6333@gmail.com**) was recorded on submission of this form.

Email *

mouryaritesh6333@gmail.com

Roll Number *

5541

Surname *

Mourya

First Name *

Ritesh

Father Name *

Rajesh

Mobile Number *

7630386226

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**kulkarnimadhu0902@gmail.com**) was recorded on submission of this form.

Email *

kulkarnimadhu0902@gmail.com

Roll Number *

5371

Surname *

Kulkarni

First Name *

Madhura

Father Name *

Narendra

Mobile Number *

9545398219

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**mohitpurohit2008@gmail.com**) was recorded on submission of this form.

Email *

mohitpurohit2008@gmail.com

Roll Number *

5588

Surname *

Purohit

First Name *

Bhagyashri

Father Name *

Bhavar

Mobile Number *

9156193331

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☐ A) $P(A|B)P(B)$
- ☒ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (yuvrajdhere04@gmail.com) was recorded on submission of this form.

Email *

yuvrajdhere04@gmail.com

Roll Number *

5326

Surname *

Dhere

First Name *

Rajnandini

Father Name *

Yuvraj

Mobile Number *

7756869110

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**kamblekomal2703@gmail.com**) was recorded on submission of this form.

Email *

kamblekomal2703@gmail.com

Roll Number *

5629

Surname *

Kamble

First Name *

Komal

Father Name *

Macchindra

Mobile Number *

8308192088

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (abhimore3542@gmail.com) was recorded on submission of this form.

Email *

abhimore3542@gmail.com

Roll Number *

5673

Surname *

More

First Name *

Abhijeet

Father Name *

Avinash

Mobile Number *

7058606957

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**Priyankap9226@gamil.com**) was recorded on submission of this form.

Email *

Priyankap9226@gamil.com

Roll Number *

5547

Surname *

Patil

First Name *

Priyanka

Father Name *

Sandip

Mobile Number *

9226436211

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (nilamgavade71@gmail.com) was recorded on submission of this form.

Email *

nilamgavade71@gmail.com

Roll Number *

5473

Surname *

Gavade

First Name *

Nilam

Father Name *

Babu

Mobile Number *

9579346503

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (langoteaditi41@gmail.com) was recorded on submission of this form.

Email *

langoteaditi41@gmail.com

Roll Number *

5476

Surname *

Langote

First Name *

Aditi

Father Name *

Dnyaneshwar

Mobile Number *

9152744411

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (manerudra30@gmail.com) was recorded on submission of this form.

Email *

manerudra30@gmail.com

Roll Number *

5581

Surname *

Mane

First Name *

Rudra

Father Name *

Sidhoji

Mobile Number *

7030114789

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☒ B) Human error
- ☐ C) Material defect
- ☐ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**kaleprajwal778@gmail.com**) was recorded on submission of this form.

Email *

kaleprajwal778@gmail.com

Roll Number *

5704

Surname *

Kale

First Name *

Prajwal

Father Name *

Ravindra

Mobile Number *

7304709088

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

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Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (sanglikarsmita735@gmail.com) was recorded on submission of this form.

Email *

sanglikarsmita735@gmail.com

Roll Number *

5447

Surname *

Sanglikar

First Name *

Shreya

Father Name *

Vivekanand

Mobile Number *

8975274138

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☐ A) $P(A|B)P(B)$
- ☒ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☒ B) Human error
- ☐ C) Material defect
- ☐ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Institute)

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Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (samyapujari848@gmail.com) was recorded on submission of this form.

Email *

samyapujari848@gmail.com

Roll Number *

5651

Surname *

Pujari

First Name *

Samarth

Father Name *

Prabhakar

Mobile Number *

7517325190

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) $n+p$

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (gulavanitanaya07@gmail.com) was recorded on submission of this form.

Email *

gulavanitanaya07@gmail.com

Roll Number *

5332

Surname *

Gulavani

First Name *

Tanaya

Father Name *

Santosh

Mobile Number *

7499080063

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☒ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☐ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☒ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**sanskrutic2210@gmail.com**) was recorded on submission of this form.

Email *

sanskrutic2210@gmail.com

Roll Number *

5603

Surname *

Chavan

First Name *

Sanskruti

Father Name *

Arvind

Mobile Number *

7841080771

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (jigishasabnis23@gmail.com) was recorded on submission of this form.

Email *

jigishasabnis23@gmail.com

Roll Number *

5445

Surname *

Sabnis

First Name *

Jigisha

Father Name *

Ajay

Mobile Number *

9604348561

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
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7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
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9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**prajyotdeshpande7057@gmail.com**) was recorded on submission of this form.

Email *

prajyotdeshpande7057@gmail.com

Roll Number *

5524

Surname *

Deshpande

First Name *

Prajyot

Father Name *

Deepak

Mobile Number *

7057148769

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
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6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
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- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**hardikjadhav951@gmail.com**) was recorded on submission of this form.

Email *

hardikjadhav951@gmail.com

Roll Number *

5474

Surname *

Jadhav

First Name *

Hardik

Father Name *

Anil

Mobile Number *

9860002645

Group *

☒ A

☐ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**chouguleshubham2050@gmail.com**) was recorded on submission of this form.

Email *

chouguleshubham2050@gmail.com

Roll Number *

5318

Surname *

Chougule

First Name *

Shubham

Father Name *

Mahaveer

Mobile Number *

Mahaveer

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (vinitoswal07@gmail.com) was recorded on submission of this form.

Email *

vinitoswal07@gmail.com

Roll Number *

5582

Surname *

Oswal

First Name *

Vinit

Father Name *

Ramesh

Mobile Number *

8275884162

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (varchaswamagdum13@gmail.com) was recorded on submission of this form.

Email *

varchaswamagdum13@gmail.com

Roll Number *

5578

Surname *

Magdum

First Name *

Varchaswa

Father Name *

Vardhaman

Mobile Number *

9112421008

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☐ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☒ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Institute)

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Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (rajatjain5385@gmail.com) was recorded on submission of this form.

Email *

rajatjain5385@gmail.com

Roll Number *

5529

Surname *

Jain

First Name *

Rajat

Father Name *

Santosh

Mobile Number *

9172258140

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**sanchitasamudre3@gmail.com**) was recorded on submission of this form.

Email *

sanchitasamudre3@gmail.com

Roll Number *

5555

Surname *

Samudre

First Name *

Sanchita

Father Name *

Uttam

Mobile Number *

9850604526

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☒ A) np
- ☐ B) nq
- ☐ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☐ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☒ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (tejasnikam864@gmail.com) was recorded on submission of this form.

Email *

tejasnikam864@gmail.com

Roll Number *

5675

Surname *

Nikam

First Name *

Tejas

Father Name *

Sachin

Mobile Number *

9623123621

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (kjagruti2007@gmail.com) was recorded on submission of this form.

Email *

kjagruti2007@gmail.com

Roll Number *

5354

Surname *

Kamble

First Name *

Jagruti

Father Name *

Jagdish

Mobile Number *

8793136271

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (sairajkudachikar@gmail.com) was recorded on submission of this form.

Email *

sairajkudachikar@gmail.com

Roll Number *

5574

Surname *

Kudachikar

First Name *

Sairaj

Father Name *

Chetan

Mobile Number *

7666588446

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**harshadnimbalkar0121@gmail.com**) was recorded on submission of this form.

Email *

harshadnimbalkar0121@gmail.com

Roll Number *

5676

Surname *

Nimbalkar

First Name *

Harshad

Father Name *

Himmatrao

Mobile Number *

9356818620

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**prasadcpatil.04@gmail.com**) was recorded on submission of this form.

Email *

prasadcpatil.04@gmail.com

Roll Number *

5412

Surname *

patil

First Name *

Prasad

Father Name *

chetan

Mobile Number *

7058606899

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**kasturijadhav665@gmail.com**) was recorded on submission of this form.

Email *

kasturijadhav665@gmail.com

Roll Number *

5342

Surname *

Jadhav

First Name *

Kasturi

Father Name *

Sagar

Mobile Number *

9765149686

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**shurtimn@gmail.com**) was recorded on submission of this form.

Email *

shurtimn@gmail.com

Roll Number *

5385

Surname *

Mane

First Name *

Shruti

Father Name *

Vinayak

Mobile Number *

9226567004

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
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8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

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- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (n.samrudhi08@gmail.com) was recorded on submission of this form.

Email *

n.samrudhi08@gmail.com

Roll Number *

5391

Surname *

Nagaonkar

First Name *

Samrudhi

Father Name *

Ashish

Mobile Number *

9481108676

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
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7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
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8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

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- ☐ B) 0.1
- ☐ C) 0.5
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- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**shubhadahemantpatil.18@gmail.com**) was recorded on submission of this form.

Email *

shubhadahemantpatil.18@gmail.com

Roll Number *

5585

Surname *

Pati

First Name *

Shubhada

Father Name *

Hemant

Mobile Number *

9763361089

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☐ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☒ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
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- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☐ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☒ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**sahilsantoshkashid@gmail.com**) was recorded on submission of this form.

Email *

sahilsantoshkashid@gmail.com

Roll Number *

5533

Surname *

Kashid

First Name *

Sahil

Father Name *

Santosh

Mobile Number *

932164961

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (ksanika612@gmail.com) was recorded on submission of this form.

Email *

ksanika612@gmail.com

Roll Number *

5625

Surname *

Kadam

First Name *

Sanika

Father Name *

Uttam

Mobile Number *

8010283209

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

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- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
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8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (vaishalivshirale1984@gmail.com) was recorded on submission of this form.

Email *

vaishalivshirale1984@gmail.com

Roll Number *

5511

Surname *

Shirale

First Name *

Harsh

Father Name *

Vaibhav

Mobile Number *

9881129222

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
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- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (sachinjtm99@gmail.com) was recorded on submission of this form.

Email *

sachinjtm99@gmail.com

Roll Number *

5620

Surname *

Jadhav

First Name *

Sneha

Father Name *

Krushnat jadhav

Mobile Number *

9921365036

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
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9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**shubhamchougule1552@gmail.com**) was recorded on submission of this form.

Email *

shubhamchougule1552@gmail.com

Roll Number *

5486

Surname *

Chougule

First Name *

Shubham

Father Name *

Adinath

Mobile Number *

8483094109

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
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8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

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- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (archanalambor2@gmail.com) was recorded on submission of this form.

Email *

archanalambor2@gmail.com

Roll Number *

5693

Surname *

Lambor

First Name *

Archana

Father Name *

Bhagoji

Mobile Number *

7822047192

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**dhanashrir@gamil.com**) was recorded on submission of this form.

Email *

dhanashrir@gamil.com

Roll Number *

5615

Surname *

Gore

First Name *

Dhanashri

Father Name *

Rajaram

Mobile Number *

7057999467

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

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- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (satyaheetmagdum025@gmail.com) was recorded on submission of this form.

Email *

satyaheetmagdum025@gmail.com

Roll Number *

5539

Surname *

Magdum

First Name *

Satyaheet

Father Name *

Vijay

Mobile Number *

9067326122

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
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- ☐ C) Material defect
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- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

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- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (sarthkulkarni920@gmail.com) was recorded on submission of this form.

Email *

sarthkulkarni920@gmail.com

Roll Number *

5373

Surname *

Kulkarni

First Name *

Sarth

Father Name *

Sumant

Mobile Number *

9028805581

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☐ C) Sample Space
- ☒ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
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6. Chance causes are *

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- ☐ B) Assignable causes
- ☐ C) Artificial causes
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7. Assignable causes include *

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8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

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- ☐ B) 0.1
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- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**ghatageanagha@gmail.com**) was recorded on submission of this form.

Email *

ghatageanagha@gmail.com

Roll Number *

5330

Surname *

Ghatage

First Name *

Anagha

Father Name *

Vishal

Mobile Number *

7385664005

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
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3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
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- ☒ A) Natural causes
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- ☐ A) Fixed number
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- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**blendave790@gmail.com**) was recorded on submission of this form.

Email *

blendave790@gmail.com

Roll Number *

5496

Surname *

Lendave

First Name *

Prathamesh

Father Name *

Balaso

Mobile Number *

9834308668

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
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5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
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- ☒ A) Natural causes
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- ☐ B) 0.1
- ☐ C) 0.5
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- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (bj517249@gmail.com) was recorded on submission of this form.

Email *

bj517249@gmail.com

Roll Number *

5618

Surname *

Jadhav

First Name *

Mayuri

Father Name *

Bhagwan

Mobile Number *

9022382357

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (tinusingchitodiya9751@gmail.com) was recorded on submission of this form.

Email *

tinusingchitodiya9751@gmail.com

Roll Number *

5727

Surname *

Chitodiya

First Name *

Tinusing

Father Name *

Dhaneshwarsing

Mobile Number *

7676239751

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (nikhileshtawade@gmail.com) was recorded on submission of this form.

Email *

nikhileshtawade@gmail.com

Roll Number *

5463

Surname *

Tawade

First Name *

Nikhilesh

Father Name *

Avinash

Mobile Number *

9209275564

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (shreyakoli1507@gmail.com) was recorded on submission of this form.

Email *

shreyakoli1507@gmail.com

Roll Number *

5493

Surname *

Koli

First Name *

Shreya

Father Name *

Father

Mobile Number *

7249620074

Group *

☐ A

☒ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☒ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☐ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (yashgudle@gmail.com) was recorded on submission of this form.

Email *

yashgudle@gmail.com

Roll Number *

Dont know

Surname *

Gudale

First Name *

Yash

Father Name *

Vidyasagar

Mobile Number *

7004646174

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**dhanshrilohar2206@gmail.com**) was recorded on submission of this form.

Email *

dhanshrilohar2206@gmail.com

Roll Number *

5377

Surname *

Lohar

First Name *

Dhanshri

Father Name *

Dharmendra

Mobile Number *

9373139432

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (aniketraajput9374@gmail.com) was recorded on submission of this form.

Email *

aniketraajput9374@gmail.com

Roll Number *

5505

Surname *

Rajput

First Name *

Aniketsing

Father Name *

Amarsing

Mobile Number *

8010440095

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☒ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (zenderachana5@gmail.com) was recorded on submission of this form.

Email *

zenderachana5@gmail.com

Roll Number *

5515

Surname *

Zende

First Name *

Rachana

Father Name *

Sandip

Mobile Number *

8010603356

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☐ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☒ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**sanyogitamane27@gmail.com**) was recorded on submission of this form.

Email *

sanyogitamane27@gmail.com

Roll Number *

5497

Surname *

Mane

First Name *

Sanyogita

Father Name *

Vikramsingh

Mobile Number *

7822943773

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☐ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☒ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**krishnashelke15102006@gmail.com**) was recorded on submission of this form.

Email *

krishnashelke15102006@gmail.com

Roll Number *

5593

Surname *

Shelke

First Name *

Krishna

Father Name *

Ranjeet

Mobile Number *

9923451670

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (joshiishravanii@gmail.com) was recorded on submission of this form.

Email *

joshiishravanii@gmail.com

Roll Number *

5706

Surname *

Joshi

First Name *

Shravani

Father Name *

Uttam

Mobile Number *

9156702816

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☐ C) Sample Space
- ☒ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

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- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (savitrigaikwad4@gmail.com) was recorded on submission of this form.

Email *

savitrigaikwad4@gmail.com

Roll Number *

5614

Surname *

GAIKWAD

First Name *

SNEHAL

Father Name *

CHANDRAKANT

Mobile Number *

8605013434

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

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- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

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- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.
Internal Examination 2025-26

B.com-I Semester II
Business Statistics-II

Subject:

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**nandinilagare87@gmail.com**) was recorded on submission of this form.

Email *

nandinilagare87@gmail.com

Roll Number *

5577

Surname *

Lagare

First Name *

Nandini

Father Name *

Manoj

Mobile Number *

8530501155

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☐ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☒ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

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- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

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- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

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- ☐ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☒ D) 1

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- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

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- ☐ C) A and B Exhaustive
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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**sanavipatil3141@gmail.com**) was recorded on submission of this form.

Email *

sanavipatil3141@gmail.com

Roll Number *

5587

Surname *

Patil

First Name *

Sanavi

Father Name *

Suraj

Mobile Number *

8010371351

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☐ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☒ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
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- ☐ C) $P(A)/P(B)$
- ☐ D) 0

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- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

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- ☐ B) Human error
- ☐ C) Material defect
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- ☐ C) 0.5
- ☒ D) 1

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- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (lokeshbhawani2804@gmail.com) was recorded on submission of this form.

Email *

lokeshbhawani2804@gmail.com

Roll Number *

5718

Surname *

Bhavani

First Name *

Lokesh

Father Name *

Chandrakant

Mobile Number *

8849413020

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
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8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

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- ☐ C) 0.5
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- ☒ B) Function of outcomes
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- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
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- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (rajchougale4313@gmail.com) was recorded on submission of this form.

Email *

rajchougale4313@gmail.com

Roll Number *

4471

Surname *

Chougale

First Name *

Raj

Father Name *

Sagar

Mobile Number *

7058957376

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
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- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
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6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
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7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
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8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
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9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**dhanashreenalawade7049@gmail.com**) was recorded on submission of this form.

Email *

dhanashreenalawade7049@gmail.com

Roll Number *

5639

Surname *

Nalawade

First Name *

Dhanashree

Father Name *

Dhanaji

Mobile Number *

7498109791

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
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- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
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- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
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- ☐ B) Assignable causes
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- ☐ A) Machine fault
- ☐ B) Human error
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8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
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9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**chetiwalekta11@gmail.com**) was recorded on submission of this form.

Email *

chetiwalekta11@gmail.com

Roll Number *

5312

Surname *

CHETIWAL

First Name *

EKTA

Father Name *

MAHESHBABU

Mobile Number *

8806016002

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
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3. Variance of binomial distribution is *

- ☐ A) np
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- ☒ A) $P(A) + P(B) - P(A \cap B)$
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9. A random variable is *

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10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☒ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Google Forms

Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (aasavarilandage56@gmail.com) was recorded on submission of this form.

Email *

aasavarilandage56@gmail.com

Roll Number *

5495

Surname *

Landage

First Name *

Aasavari

Father Name *

Rahul

Mobile Number *

9699935253

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☒ A) np
- ☐ B) nq
- ☐ C) npq
- ☐ D) $n+p$

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☐ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☒ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☐ B) Function of outcomes
- ☐ C) Event
- ☒ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☒ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**patilchanguna38@gmail.com**) was recorded on submission of this form.

Email *

patilchanguna38@gmail.com

Roll Number *

5407

Surname *

Patil

First Name *

Changuna

Father Name *

Nivruti

Mobile Number *

7875014683

Group *

☒ A

☐ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (juneddange124@gmail.com) was recorded on submission of this form.

Email *

juneddange124@gmail.com

Roll Number *

5523

Surname *

Dange

First Name *

Juned

Father Name *

Sikandar

Mobile Number *

8983308886

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

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- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
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- ☐ B) 0.1
- ☐ C) 0.5
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- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
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Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (amaandesai40@gmail.com) was recorded on submission of this form.

Email *

amaandesai40@gmail.com

Roll Number *

5568

Surname *

Desai

First Name *

Amaan

Father Name *

Javed desai

Mobile Number *

9359339958

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
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- ☐ B) Human error
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- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

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- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

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- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**bhakti.gunjate@gmail.com**) was recorded on submission of this form.

Email *

bhakti.gunjate@gmail.com

Roll Number *

5333

Surname *

Gunjate

First Name *

Bhakti

Father Name *

Pradeep

Mobile Number *

+91 91456 54591

Group *

☐ A

☒ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
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- ☐ C) Artificial causes
- ☐ D) None

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (junedpathan0670@gmail.com) was recorded on submission of this form.

Email *

junedpathan0670@gmail.com

Roll Number *

5695

Surname *

Pathan

First Name *

Rihankhan

Father Name *

Imran

Mobile Number *

7709988254

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
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- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
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6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
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- ☒ B) Function of outcomes
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- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**ganeshkolekar431@gmail.com**) was recorded on submission of this form.

Email *

ganeshkolekar431@gmail.com

Roll Number *

5535

Surname *

Kolekar

First Name *

Tanaya

Father Name *

Damodar

Mobile Number *

8788174933

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☒ B) nq
- ☐ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
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5. $P(A \cap B) = *$

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8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
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- ☐ A) Fixed number
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10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**geneshkolekar431@gmail.com**) was recorded on submission of this form.

Email *

geneshkolekar431@gmail.com

Roll Number *

5536

Surname *

Kolekar

First Name *

Tanishka

Father Name *

Damodar

Mobile Number *

9699328766

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
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- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☒ B) nq
- ☐ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
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- ☒ A) Natural causes
- ☐ B) Assignable causes
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- ☒ A) Fixed number
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- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (**varakvijay98@gmail.com**) was recorded on submission of this form.

Email *

varakvijay98@gmail.com

Roll Number *

5703

Surname *

Varak

First Name *

Vijay

Father Name *

Maruti

Mobile Number *

9699040345

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
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- ☐ A) $P(A \cap B) = 1$
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- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

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- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
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- ☐ B) 0.1
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9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (riteshjadhav571@gmail.com) was recorded on submission of this form.

Email *

riteshjadhav571@gmail.com

Roll Number *

5528

Surname *

JADHAV

First Name *

Prashant

Father Name *

Suresh

Mobile Number *

9860072555

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (surekhatela@gmail.com) was recorded on submission of this form.

Email *

surekhatela@gmail.com

Roll Number *

5512

Surname *

Tela

First Name *

Sarthak

Father Name *

Dattaprasad

Mobile Number *

9112629699

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

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- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (vishnumane9111@gmail.com) was recorded on submission of this form.

Email *

vishnumane9111@gmail.com

Roll Number *

5540

Surname *

Mane

First Name *

Vishnu

Father Name *

Sunil

Mobile Number *

7719055607

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

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Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (sanskarc0503@gmail.com) was recorded on submission of this form.

Email *

sanskarc0503@gmail.com

Roll Number *

5484

Surname *

Chavan

First Name *

Sanskar

Father Name *

Prashant

Mobile Number *

8767120104

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

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- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (swalehanagarji1@gmail.com) was recorded on submission of this form.

Email *

swalehanagarji1@gmail.com

Roll Number *

5638

Surname *

Nagarji

First Name *

Swaleha

Father Name *

Firoj

Mobile Number *

9699938447

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☒ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☐ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (rutujachavan836@gmail.com) was recorded on submission of this form.

Email *

rutujachavan836@gmail.com

Roll Number *

5309

Surname *

Chavan

First Name *

Rutuja

Father Name *

Santosh

Mobile Number *

9146034193

Group *

☒ A

☐ B

Division *

☐ A (Marathi)☒ B (English)

1. The set of all possible outcomes is called *

☐ A) Event☐ B) Trial☒ C) Sample Space☐ D) Probability

2. If A and B are mutually exclusive events, then *

☐ A) $P(A \cap B) = 1$ ☒ B) $P(A \cap B) = 0$ ☐ C) $P(A \cup B) = 0$ ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

☐ A) np☐ B) nq☒ C) npq☐ D) n+p4. $P(A \cup B) =$ *☒ A) $P(A) + P(B) - P(A \cap B)$ ☐ B) $P(A)P(B)$ ☐ C) $P(A)/P(B)$ ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (s39385590@gmail.com) was recorded on submission of this form.

Email *

s39385590@gmail.com

Roll Number *

5714

Surname *

Kamble

First Name *

Sejal

Father Name *

Rahul

Mobile Number *

7796671411

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
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8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (atharvpatil76694@gmail.com) was recorded on submission of this form.

Email *

atharvpatil76694@gmail.com

Roll Number *

5642

Surname *

Patil

First Name *

Atharv

Father Name *

Vitthal

Mobile Number *

7559233008

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
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6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
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8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (swaranajalip@gmail.com) was recorded on submission of this form.

Email *

swaranajalip@gmail.com

Roll Number *

5503

Surname *

Powar

First Name *

Swaranjali

Father Name *

Sandeep

Mobile Number *

9209748758

Group *

☐ A

☒ B

Division *

- ☐ A (Marathi)
- ☒ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) $n+p$

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
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6. Chance causes are *

- ☒ A) Natural causes
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7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
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- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☒ C) A and B Exhaustive
- ☐ D) A and B Mutually exclusive

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Vivekanand College, Kolhapur
Institute)

(An Emp. Auto.

Internal Examination 2025-26

B.com-I Semester II

Subject:

Business Statistics-II

Date: 20/03/2026 Day : Friday
mark.

Time : 01.00 pm to 01.30 pm Instructions: Each question carry one

The respondent's email (armanmullani02@gimal.com) was recorded on submission of this form.

Email *

armanmullani02@gimal.com

Roll Number *

5694

Surname *

Mullani

First Name *

Arman

Father Name *

Amjad

Mobile Number *

8149492813

Group *

☐ A

☒ B

Division *

- ☒ A (Marathi)
- ☐ B (English)

1. The set of all possible outcomes is called *

- ☐ A) Event
- ☐ B) Trial
- ☒ C) Sample Space
- ☐ D) Probability

2. If A and B are mutually exclusive events, then *

- ☐ A) $P(A \cap B) = 1$
- ☒ B) $P(A \cap B) = 0$
- ☐ C) $P(A \cup B) = 0$
- ☐ D) $P(A) = P(B)$

3. Variance of binomial distribution is *

- ☐ A) np
- ☐ B) nq
- ☒ C) npq
- ☐ D) n+p

4. $P(A \cup B) =$ *

- ☒ A) $P(A) + P(B) - P(A \cap B)$
- ☐ B) $P(A)P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) $P(A)^2$

5. $P(A \cap B) = *$

- ☒ A) $P(A|B)P(B)$
- ☐ B) $P(A)+P(B)$
- ☐ C) $P(A)/P(B)$
- ☐ D) 0

6. Chance causes are *

- ☒ A) Natural causes
- ☐ B) Assignable causes
- ☐ C) Artificial causes
- ☐ D) None

7. Assignable causes include *

- ☐ A) Machine fault
- ☐ B) Human error
- ☐ C) Material defect
- ☒ D) All of these

8. If A and B are mutually exclusive and $P(A)=0.2$, $P(B)=0.5$ then $P(A \cup B) = *$

- ☒ A) 0.7
- ☐ B) 0.1
- ☐ C) 0.5
- ☐ D) 1

9. A random variable is *

- ☐ A) Fixed number
- ☒ B) Function of outcomes
- ☐ C) Event
- ☐ D) Sample space

10. If $P(A)=0.2$, $P(B)=0.8$, $P(A \cup B)=1$ *

Then

- ☐ A) A and B independent
- ☐ B) $A \subset B$
- ☐ C) A and B Exhaustive
- ☒ D) A and B Mutually exclusive

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