



Classroom > ECS I EXAM



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Classwork

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VIVEKANAND COLLEGE (AUTONOMO...

Draft

No due date

Date: 20/11/2020 (Friday) Time: 10.00 am to 11.00 am Total Marks: 40

Instructions:

1. Solve any 20 questions.
2. Each question carries two marks.
3. Figures to right indicate full marks.

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VIVEKANAND COLLEGE (AUTONOMOUS),
KOLHAPUR(Autonomous)B.Sc (.Computer
Science Entire) Part-I Semester - I
Subject-Statistics

Paper No.: I

Paper Title:

Descriptive Statistics-I and Discrete Probability

Distributions Date: 20/11/2020 (Friday) Time:

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Roll Number

9018

Name Of Student

Pradip Kondiram Dhangar



1. From Less than Ogive Curve, we can determine _____.

- a) Median
- b) Quartiles
- c) Deciles
- d) All of these

2. The A.M. of 35, 34, 30, a, 32, 33, 25 is 27 then value of a is _____.

- a) 0
- b) 25
- c) 27
- d) None of these

3. Measure of dispersion that based on all observations is _____.

- a) Q.D.
- b) S.D.
- c) Range
- d) None of these



4. Drinking habit of a person is _____

- a) an attribute
- b) discrete variable
- c) continuous variable
- d) none of these

5. The measure of central tendency that is based on all observations is

- a) A.M.
- b) Median
- c) Mode
- d) All of these

6. Quartiles are the values dividing a given set of observations into

- a) two equal parts
- b) four equal parts
- c) three equal parts
- d) five equal parts



7. Which of the following measure of dispersion is a relative measure of dispersion ?

- a) Range
- b) Q.D.
- c) S.D.
- d) Coefficient of Q.D.

8. The range and coefficient of range of the values 11, 10, 13, 14, 12, 20, 18, 19 are

- a) 10 and $\frac{2}{3}$
- b) 20 and $\frac{1}{3}$
- c) 10 and 30
- d) 10 and $\frac{1}{3}$

9. If the population under study is heterogeneous type then Sampling method is used to collect data.

- a) SRSWR
- b) SRSWOR
- c) Stratified
- d) Systematic



10. For a given frequency distribution, the A.M. is 20 and variance is 81, then C.V. is.....

- a) 45
- b) 20
- c) 81
- d) None of these

11. Let A: First order central moment is zero B: The measure of kurtosis is based on even ordered central moments. Then

- a) Only A is true
- b) Only B is true
- c) Both A and B are true
- d) Both A and B are false

12. If the value of coefficient of Kurtosis β_2 is equal to three, then the frequency distribution curve is said to be

- a) Leptokurtic
- b) Platykurtic
- c) Mesokurtic
- d) Lectokurtic



13. Select of the class interval of the following grouped is 10-19,20-29,30-39,40-49,...

- a) 9
- b) 10
- c) 14.5
- d) 4.5

14. The number of ways three digit number can be formed using 3, 9, 8, 6, 5 without repeating any digit.

- a) 120
- b) 60
- c) 125
- d) 10

15. In an experiment if the happening of any one of the outcomes precludes the happening of all other outcomes then the event are _____

- a) equally likely event
- b) mutually exclusive event
- c) favourable event
- d) exhausttive event



16.. The distribution which has same mean and variance.

- a) Geometric Distribution
- b) Binomial Distribution
- c) Poisson Distribution
- d) Normal Distribution

17. The probability of any event lies between.....

- a) 0 to 1
- b) -1 to +1
- c) a and b
- d) None of these

18. Probability of certain event is

- a) 0
- b) 1
- c) -1
- d) None of these



19. If $X \sim U(2,4)$ then mean is.....

- a) 2
- b) 3
- c) 1
- d) 4

20. The mean of Binomial distribution is

- a) n
- b) p
- c) np
- d) npq

21. If $X \sim p(2)$ then variance is.....

- a) 2
- b) 1
- c) 0
- d) None of these



22. If $P(A)=0.2$, $P(B)=0.4$ and $P(A \cap B)=0.2$ then $P(A \cup B)=\dots$

- a) 0.4
- b) 0.2
- c) 0.1
- d) None of these

23. If A and B Independent then which of the following is true....

- $P(A \cap B) = P(A) \cdot P(B)$
- $P(A \cup B) = P(A)P(B)$
- $P(A \cap B) = P(A)$
- $P(A \cup B) = P(B)$

24. IF $E(X)=3$ and $E(X^2)=10$ then S.D. is.....

- a) 2
- b) 3
- c) 4
- d) 1



25. IF $P(A/B)$ then which of the following is True?

- $P(A/B) = P(A \cap B) / P(B)$
- $P(A/B) = P(A \cap B) / P(A)$
- $P(A/B) = P(A \cap B) / P(A)P(B)$
- $P(A/B) = P(A) / P(B)$

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Vivekanand College, Kolhapur (Autonomous)
Academic Year: 2020-2021
B.Sc.Computer Science (Entire)-I
Subject-Statistics
Course Title: Descriptive Statistics-I and Discrete Probability Distributions
Course Code: GEC-1302A

Online Test conducted through Google Form (Mark list)

Date: 20/11/2020

Name Of Student	Roll Number	Score (Out of 40)
Shruti ghosalkar	2023	34
Shubham	9000	12
Anuj adsul	9001	22
Anjali Anil Ambi	9002	20
Shruti babar	9003	26
Dhairiyashil bhosale	9004	28
Nikita Bhosale	9005	22
Aditya Sunil Bhurke	9006	32
Harsh Mahadev Biranje	9007	34
Soham anand borage	9008	28
Nikita Dhanraj Chandekar	9009	30
Prachiti Prasad Chinchankar	9010	28
Abhishek Dalawai	9012	10
Atharv Dantal	9013	22
Rohan Vijay darde mali	9014	24
Suraj Ravindra Dhadave	9016	34
Chinmye dhavale	9017	34
Prajwal shashikant dongare	9018	32
Kedar Manoj Durugade	9019	28
Rohan V. Ekshinge	9020	22
Harshad gaikwad	9021	26
Shreyash Kiran Ghorpade	9022	34
Atharv Anil Gondhali	9025	24
Prachi Mahesh Ingale	9026	32
Tanaji navnath ingole	9027	22
Ritesh kishor Jadhav	9029	32
Tushar Pandurang Jadhav	9030	28
Arif Salim Jamadar	9031	24
Shripad jangam	9032	24
Pratik suhas kadam	9034	28
Shruti Sagar Kadam	9035	34
samarth sunil kalekar	9036	22
Dakshata Chandar Kamble	9037	32
Karan kamble	9038	30
Sanika mahesh Kesarkar	9041	30



Shivani	9042	26
Somnath Kesarkar	9042	26
Azim Khan	9043	24
Shubham Shankar Khavre	9044	32
Pankaj Baburav Kolsundkar	9045	20
Akanksha Kulkarni	9046	26
Sakshi Umesh Kulkarni	9047	26
Vedika Vijay Kumar	9048	28
Tejaswini Mali	9049	10
Pratik Madhukar Mane	9050	32
Shubham mane	9051	26
Yashodeep Mane	9052	24
Vaibhav Mangale	9053	18
Digambar chandrakant marlkar	9054	20
Aoudumbar bhairu more	9055	32
Vaishnavi bharat more	9057	34
Mushara Altaf Mujawar	9058	30
Bhushan Dinesh Musale	9059	28
Sakshi Sanjay Naik	9060	20
Sanika	9061	28
Prathmesh Pandurang Nikam	9062	32
Akanksha vidyadhar patil	9064	32
Ashlesha Anil patil	9065	28
Eshwari patil	9066	22
Harshada Pravin Patil	9067	26
Harshal patil	9068	16
Kirti Patil	9069	24
Krunal Dattatray Patil	9070	26
Mayur Laxman Patil	9071	32
Nikita Nilesh Patil	9072	34
Omkar Janba Patil	9073	32
Rishabh Patil	9074	34
Rugved Deepak Patil	9076	30
Sakshi Santaji Patil	9077	34
Sakshi Tanaji Patil	9078	26
Sakshi uttam patil	9079	26
Sambhaji Vitthal Patil	9080	32
Samrudhi Ramchandra Patil	9081	32
Sharvari Prakash patil	9083	12
Shital Santosh Patil	9084	32
Shivani Patil	9085	24
Shravani Bharat patil	9086	30
Swaraj Laxman Patil	9087	28
Swati Sanjay Patil	9088	22
Vivek Patil	9089	34
Omkar patki	9090	26
Akshata Gopichand pawar	9091	24



Sneha shamsundar potdar	9092	34
Somnath Satish Prabhavale	9093	26
Shrutika Pratapsinh Rajput	9094	26
Vaishnavi Rajput	9095	12
Srushti kundan Ranage	9097	24
Abhishek Sah	9098	16
Soyam Dipak sawant	9099	32
Atharv shete	9100	24
Prathamesh Gajanan Shirashet	9102	26
Abhishek shirguppe	9103	34
Pradnya Sutar	9104	32
Prathamesh Bhagavan Sutar	9105	34
Sahil bajirao sutar	9106	22
Shruti Arvind Taral	9107	28
Rajesh Bapuso Vetale	9108	30
Omkar Prabhakar Waghmare	9109	22
HARSHARAJ ANIL WAKASE	9110	28
Somesh Ramesh Yadav	9111	32
Vidumukhi Jadhav	9112	32
Nitin Bandu Salunkhe	9113	28
Guruprasad Suhas Varne	9114	22
Aditya Amar Patil	9115	32
Vihan kore	1000	6

Pawar AA
(Mrs. Ajit A. Pawar)



Pawar
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