Internal Examination

Operational Research I

The respondent's email (**manasi21061999@gmail.com**) was recorded on submission of this form.

Name of Student *

Manasi Vijay Sangave

Roll No. *

2240

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- (•) A
- ( ) B
- ( ) C
- ( ) D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- ( ) A
- ( ) B
- (•) C
- ( ) D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- (●) A
- ( ) B
- ( ) C
- ( ) D

Internal Examination

Operational Research I

Name of Student *

Shrushti Rajkumar kolekar

Roll No. *

2219

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- (○) A
- ( ) B
- (●) C
- ( ) D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- (●) B
- ( ) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ◉ B
- ○ C
- ○ D

Internal Examination

Operational Research I

Name of Student *

Koli Bhagyashri Suresh

Roll No. *

2220

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Asha Sanjay Sutar

Roll No. *

2246

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- A
- B
- C
- D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- ○ A
- ○ B
- ◉ C
- ○ D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- ○ A
- ○ B
- ◉ C
- ○ D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- (●) B
- ( ) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- (●) A
- ( ) B
- ( ) C
- ( ) D

Internal Examination

Operational Research I

Name of Student *

Darak Sheetal Pandurang

Roll No. *

2209

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- A
- B
- C
- D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- ○ A
- ○ B
- ◉ C
- ○ D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- ○ A
- ○ B
- ◉ C
- ○ D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- (●) A
- ( ) B
- ( ) C
- ( ) D

Internal Examination

Operational Research I

Name of Student *

Patil ajit ananda

Roll No. *

2231

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ○ A
- ○ B
- ◉ C
- ○ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- ○ A
- ○ B
- ◉ C
- ○ D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- ○ A
- ○ B
- ◉ C
- ○ D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Omkar Jadhav

Roll No. *

2213

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- ○ A
- ○ B
- ◉ C
- ○ D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- ○ A
- ○ B
- ◉ C
- ○ D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Kamble Sujit Nathaji

Roll No. *

2216

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….

A) concave set B) point set C) convex set D) none of these

- [ ] A
- [ ] B
- [x] C
- [ ] D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …

A) Zero B) not possible C) one D) none of these

- [x] A
- [ ] B
- [ ] C
- [ ] D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

OMKAR SHIVAJI SHINDE

Roll No. *

2242

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- ○ A
- ○ B
- ◉ C
- ○ D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- ○ A
- ○ B
- ◉ C
- ○ D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Umesh Subhash Benake

Roll No. *

2202

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Akash sukumar bhosale

Roll No. *

2204

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- (•) C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- (•) A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Samiksha Surendra Raynade

Roll No. *

2238

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- ○ A
- ○ B
- ◉ C
- ○ D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- ○ A
- ○ B
- ◉ C
- ○ D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- ( ) C
- (●) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Tejalyashwantpatil

Roll No. *

2237

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Omkar Sambhajee Nale

Roll No. *

2226

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- ○ A
- ○ B
- ◉ C
- ○ D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- ◉ A
- ○ B
- ○ C
- ○ D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- (●) A
- ( ) B
- ( ) C
- ( ) D

Internal Examination

Operational Research I

Name of Student *

Sushant Ravindra Chougule

Roll No. *

2208

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Tejaswini Ramchandra Mane

Roll No. *

2225

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….

A) concave set B) point set C) convex set D) none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …

A) Zero B) not possible C) one D) none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ◉ B
- ○ C
- ○ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- ( ) C
- (●) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Maheshkumar Malgonda Hegaje

Roll No. *

2211

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- (●) A
- ( ) B
- ( ) C
- ( ) D

Internal Examination

Operational Research I

Name of Student *

Kashinath Nandkumar Thorbole

Roll No. *

2249

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (•) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- (●) A
- ( ) B
- ( ) C
- ( ) D

Internal Examination

Operational Research I

Name of Student *

Pooja Ashok shinde

Roll No. *

2243

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- A
- B
- C
- D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ◉ B
- ○ C
- ○ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ◉ A
- ○ B
- ○ C
- ○ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- (•) C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- (•) A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- (●) B
- ( ) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ◉ C
- ○ D

Internal Examination

Operational Research I

Name of Student *

Aditya Maindargikar

Roll No. *

2223

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….

A) concave set B) point set C) convex set D) none of these

- [ ] A
- [ ] B
- [x] C
- [ ] D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …

A) Zero B) not possible C) one D) none of these

- [x] A
- [ ] B
- [ ] C
- [ ] D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ◉ A
- ○ B
- ○ C
- ○ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- (●) A
- ( ) B
- ( ) C
- ( ) D

Internal Examination

Operational Research I

Name of Student *

10rutujajadhav@gmail.com

Roll No. *

2214

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- [ ] A
- [x] B
- [ ] C
- [ ] D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- ( ) C
- (●) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- (●) A
- ( ) B
- ( ) C
- ( ) D

Internal Examination

Operational Research I

Name of Student *

Bhakturi Pavita Parashram

Roll No. *

2203

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Rohan lambe

Roll No. *

2222

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- (○) A
- (○) B
- (◉) C
- (○) D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- (○) A
- (○) B
- (○) C
- (◉) D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- ○ A
- ○ B
- ◉ C
- ○ D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- ○ A
- ○ B
- ◉ C
- ○ D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Shrutika deepak sheregar

Roll No. *

2241

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- (○) A
- (○) B
- (◉) C
- (○) D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- (○) A
- (○) B
- (○) C
- (◉) D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- [ ] A
- [ ] B
- [x] C
- [ ] D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- [x] A
- [ ] B
- [ ] C
- [ ] D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- (●) A
- ( ) B
- ( ) C
- ( ) D

Internal Examination

Operational Research I

Name of Student *

Amruta hanamant mali

Roll No. *

2224

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- A
- B
- C
- D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- A
- B
- C
- D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- ( ) C
- (●) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

pravinkumar vijaysinh patil

Roll No. *

2235

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- A
- B
- C
- D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- [ ] A
- [x] B
- [ ] C
- [ ] D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- [x] A
- [ ] B
- [ ] C
- [ ] D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- (●) A
- ( ) B
- ( ) C
- ( ) D

Internal Examination

Operational Research I

Name of Student *

Samruddhi Satish Rokade

Roll No. *

2239

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- [ ] A
- [ ] B
- [x] C
- [ ] D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- [x] A
- [ ] B
- [ ] C
- [ ] D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- (●) A
- ( ) B
- ( ) C
- ( ) D

Internal Examination

Operational Research I

Name of Student *

Pradnya Nishikant Chopade

Roll No. *

2206

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Jyoti Gorakhanath Kedar

Roll No. *

2218

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- [ ] A
- [ ] B
- [x] C
- [ ] D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- [x] A
- [ ] B
- [ ] C
- [ ] D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- (●) A
- ( ) B
- ( ) C
- ( ) D

Internal Examination

Operational Research I

Name of Student *

Pooja Anandrao kadam

Roll No. *

2215

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- ( ) C
- (●) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Suman Mohan badave

Roll No. *

2201

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- A
- B
- C
- D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- A
- B
- C
- D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- (●) A
- ( ) B
- ( ) C
- ( ) D

Internal Examination

Operational Research I

Name of Student *

Swarupa sanjay kumbhar

Roll No. *

2221

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- A
- B
- C
- D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- A
- B
- C
- D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- (●) A
- ( ) B
- ( ) C
- ( ) D

Internal Examination

Operational Research I

Name of Student *

Bhakti Dhanaji Patil

Roll No. *

2232

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- ( ) C
- (●) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Priyanka Shivayya Swami

Roll No. *

2247

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….

A) concave set B) point set C) convex set D) none of these

- A
- B
- C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …

A) Zero B) not possible C) one D) none of these

- A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Prajakta Rajkumar Thikane

Roll No. *

2248

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ◉ A
- ○ B
- ○ C
- ○ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Amruta Ravindra Patil

Roll No. *

2229

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- A
- (●) B
- C
- D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- (●) A
- B
- C
- D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- (●) A
- ( ) B
- ( ) C
- ( ) D

Internal Examination

Operational Research I

Name of Student *

Snehal sarjerao patil

Roll No. *

2236

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ◉ B
- ○ C
- ○ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ◉ A
- ○ B
- ○ C
- ○ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- (●) A
- ( ) B
- ( ) C
- ( ) D

Internal Examination

Operational Research I

Name of Student *

Dipti Dilip Patil

Roll No. *

2233

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ◉ B
- ○ C
- ○ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ◉ A
- ○ B
- ○ C
- ○ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- (●) A
- ( ) B
- ( ) C
- ( ) D

Internal Examination

Operational Research I

Name of Student *

Patil Komal Jaysing

Roll No. *

2234

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….

A) concave set B) point set C) convex set D) none of these

- [ ] A
- [ ] B
- [x] C
- [ ] D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …

A) Zero B) not possible C) one D) none of these

- [x] A
- [ ] B
- [ ] C
- [ ] D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Nemane Madhuri Namdev

Roll No. *

2227

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….

A) concave set B) point set C) convex set D) none of these

- [ ] A
- [ ] B
- [x] C
- [ ] D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …

A) Zero B) not possible C) one D) none of these

- [x] A
- [ ] B
- [ ] C
- [ ] D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

manasi madhukar jadhav

Roll No. *

2212

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- A
- B
- C
- D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- [ ] A
- [ ] B
- [x] C
- [ ] D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- [x] A
- [ ] B
- [ ] C
- [ ] D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Miss Madhavi Mohan Padawal

Roll No. *

2228

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- A
- B
- C
- D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ◉ B
- ○ C
- ○ D

Internal Examination

Operational Research I

Name of Student *

Shruti Babasaheb Shinde

Roll No. *

2244

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- A
- B
- C
- D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Nikita keshav patil

Roll No. *

2230

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- (●) B
- ( ) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Reshma Babaso Havaldar.

Roll No. *

2210

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- (●) B
- ( ) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Shital dhondiram chavan

Roll No. *

2205

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- (●) A
- ( ) B
- ( ) C
- ( ) D

Internal Examination

Operational Research I

Name of Student *

Aniket Kerba Kapade

Roll No. *

2211

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- (●) A
- ( ) B
- ( ) C
- ( ) D

Internal Examination

Operational Research I

Name of Student *

Mantesh Pandurang Sokasane

Roll No. *

2245

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- (•) C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- (•) A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- [ ] A
- [ ] B
- [ ] C
- [x] D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D

Internal Examination

Operational Research I

Name of Student *

Snehal Anil Yadav

Roll No. *

2250

1 point

The set $x = \{(x_1, x_2)/2x_1 + 3x_2 = 7\}$ is …

A) a convex set B) concave set C) not a convex set D)none of these

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

The set of all convex combinations of a finite number of points x,y,z… is a ….
A) concave set B) point set C) convex set D) none of these

- A
- B
- C
- D

1 point

If $X = \{x/x = \lambda x + (1-\lambda)y\}$ and $\lambda = \frac{3}{2}, x = 1, y = 3$ then X equals to …
A) Zero B) not possible C) one D) none of these

- A
- B
- C
- D

1 point

…. is a convex set

A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Linear programming is a ….

A) Constrained optimization technique

B) Technique for economic allocation of limited resources

C) Mathematical technique

D) All of the above

- ○ A
- ○ B
- ○ C
- ◉ D

1 point

Which of the following is correct?
A) An extreme point is boundary point of set
B) An extreme point cannot be between any other two point of set
C) Both a and b
D)None of these

- A
- B
- (•) C
- D

1 point

If V be a finite subset of vectors in $\mathbb{R}^n$ then the convex hull of V is the …….
A)convex set
B) polyhedral convex set
C)set of all convex combinations of vectors in V
D) None of the above

- A
- (•) B
- C
- D

1 point

.....of closed half spaces in $\mathbb{R}^n$ is called a polyhedral convex set.

A) finite intersection B) finite union

C) Arbitrary intersection D) Arbitrary union

- (●) A
- ( ) B
- ( ) C
- ( ) D

1 point

If c_1 *and* c_2 are closed convex sets , then .....is also a closed convex set.

A) $c_1 \cup c_2$ B) $c_1 \oplus c_2$ C) $c_1 \cap c_2$ D) $c_1 - c_2$

- ( ) A
- ( ) B
- (●) C
- ( ) D

1 point

Which of the following is uncorrect?

A) A hyperplane is not closed set

B) The supporting hyperplane need not be uique

C) Only (a) is correct

D) Only (b) is correct

- ○ A
- ○ B
- ○ C
- ◉ D