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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex se	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
Linear programmi				
	timization technique			
C) Mathematical to	economic allocation of limit echnique	led resources		
D) All of the above	(4 <del>7</del> 4)			
<u></u> А				
ОВ				
O C				
D				

0/26/23, 3:42 PM	internal Examination	
Which of the following is A) An extreme point is bo B) An extreme point cann C) Both a and b D)None of these		1 point
<ul><li>A</li></ul>		
ОВ		
O C		
O		
		1 point
A)convex set B) polyhedral convex s	of vectors in $\mathbb{R}^n$ then the convex hull of V is the set mbinations of vectors in V	
<u></u> А		
ОВ		
<b>⊙</b> c		
O D		

.......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

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)  $c_1 c_2$

- ( ) 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	
<ul><li>A</li></ul>	
ОВ	
○ c	
O D	

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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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex se	t			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
O A				
ОВ				
<ul><li>C</li></ul>				
O D				
				1 point
Linear programmir	ng is a			
	imization technique			
	conomic allocation of limi	ted resources		
C) Mathematical te				
D) All of the above	<b>&gt;</b>			
<ul><li>A</li></ul>				
ОВ				
O C				
O D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any C) Both a and b  D)None of these  A  B  C  D	
If V be a finite subset of vectors in $\mathbb{R}^n$ :  A)convex set  B) polyhedral convex set  C)set of all convex combinations of vectors  D) None of the above  A  B  C	

.......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

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)  $c_1 c_2$

- ( ) 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	
O D	

This content is neither created nor endorsed by Google.

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex se	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
Linear programmi				
	timization technique	tad magazimaan		
C) Mathematical to	economic allocation of limit echnique	led resources		
D) All of the above	(473)			
<u></u> А				
ОВ				
O C				
D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any C) Both a and b D)None of these  A  B  C  D	
If V be a finite subset of vectors in $\mathbb{R}^n$ t	1 point hen the convex hull of V is the
A)convex set B) polyhedral convex set C)set of all convex combinations of vect D) None of the above	tors in V
<ul><li>A</li><li>B</li><li>C</li></ul>	

i 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

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)  $c_1 c_2$

- ( ) 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	
ОВ	
○ c	
D	

This content is neither created nor endorsed by Google.

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PW		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
Linear programmi				
	timization technique economic allocation of limi	ted resources		
C) Mathematical to		ica resources		
D) All of the above	e			
<u></u> А				
ОВ				
O C				
<b>O</b> D				

Which of the following is correct?  A) An extreme point is boundary point of s  B) An extreme point cannot be between an  C) Both a and b  D)None of these	
<u></u> А	
ОВ	
O D	
If V be a finite subset of vectors in $\mathbb{R}^n$	then the convex hull of V is the
A)convex set	
A)convex set B) polyhedral convex set	then the convex hull of V is the
A)convex set	then the convex hull of V is the
A)convex set B) polyhedral convex set C)set of all convex combinations of ve	then the convex hull of V is the
A)convex set B) polyhedral convex set C)set of all convex combinations of ve D) None of the above	then the convex hull of V is the
A)convex set B) polyhedral convex set C)set of all convex combinations of ve D) None of the above	then the convex hull of V is the

.......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

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)  $c_1 c_2$

- ( ) 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	
<ul><li>A</li></ul>	
ОВ	
○ c	
O D	

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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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/20/23, 3:42 PIVI		Internal Examination		
				1 point
is a convex s	set			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
○ c				
D				
				1 point
Linear programm	ing is a			
	otimization technique			
B) Technique for	economic allocation of limi	ted resources		
<ul><li>C) Mathematical t</li><li>D) All of the above</li></ul>	(27)			
D) Thi of the took				
○ A				
ОВ				
O C				
D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any C) Both a and b  D)None of these	
If V be a finite subset of vectors in $\mathbb{R}^n$ (A)convex set B) polyhedral convex set C)set of all convex combinations of vectors D) None of the above  A  B  C	

		٠			
n	0	п	n	1	
IJ	u	ч		II.	

.......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





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)  $c_1 - c_2$ 

B) 
$$c_1 \oplus c_2$$

C) 
$$c_1 \cap c_2$$

D) 
$$c_1 - c_2$$

( ) 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	
<ul><li>A</li></ul>	
ОВ	
○ c	
O D	

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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



The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex set				
A) Hyperplane B) Conver	c polyhydron	C) Convex hull	D) all of these	
○ A				
ОВ				
○ c				
D				
				1 point
Linear programming is a				
<ul> <li>A) Constrained optimization to</li> </ul>	echnique			
B) Technique for economic all	ocation of limit	ed resources		
C) Mathematical technique				
D) All of the above				
O A				
ОВ				
C				
O D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of se B) An extreme point cannot be between any C) Both a and b D)None of these  A B C D	
If V be a finite subset of vectors in $\mathbb{R}^n$ (A)convex set B) polyhedral convex set C)set of all convex combinations of vectors D) None of the above  A  B  C	

.......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

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)  $c_1 c_2$

- ( ) 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	
ОВ	
○ c	
D	

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Operational Research I

Name of Student \*

Omkar Jadhav

Roll No. \*

2213

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PW		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
Linear programmi	ng is a			
	timization technique			
B) Technique for e C) Mathematical to	economic allocation of limit echnique	ted resources		
D) All of the above	100 cm			
<u></u> А				
В				
Ос				
D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any C) Both a and b  D)None of these  A  B  C  D	
If V be a finite subset of vectors in $\mathbb{R}^n$ (A)convex set B) polyhedral convex set C)set of all convex combinations of vectors D) None of the above  A  B  C	

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.......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



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)  $c_1 - c_2$ 

( ) 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	
ОВ	
○ c	
D	

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Operational Research I

Name of Student \*

Kamble Sujit Nathaji

Roll No. \*

2216

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex s	set			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
Linear programmi	ing is a			
A) Constrained op	timization technique			
B) Technique for C) Mathematical t	economic allocation of limitechnique	ted resources		
D) All of the abov	(3.73)			
O A				
В				
O C				
<ul><li>D</li></ul>				
-				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any C) Both a and b  D)None of these  A  B  C  D	
If V be a finite subset of vectors in $\mathbb{R}^n$ the A)convex set B) polyhedral convex set C)set of all convex combinations of vectors D) None of the above $\bigcirc$ A $\bigcirc$ B	

.......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

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)  $c_1 c_2$

- ( ) 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	
ОВ	
○ c	
D	

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Operational Research I

Name of Student \*

**OMKAR SHIVAJI SHINDE** 

Roll No. \*

2242

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex s	set			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
В				
С				
D				
				1 point
Linear programm	ing is a			
	ptimization technique			
C) Mathematical	economic allocation of limi technique	ted resources		
D) All of the above				
<u></u> А				
ОВ				
Ос				
D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is A) An extreme point is B) An extreme point can C) Both a and b D)None of these	
_ A	
ОВ	
<b>o</b> c	
O D	
	1 point
A)convex set B) polyhedral convex	ombinations of vectors in V
O A	
ОВ	

		٠			
n	0	п	n	1	
IJ	u	ч		II.	

.......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

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)  $c_1 c_2$

- ( ) 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	
ОВ	
○ c	
□ D	

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Operational Research I

Name of Student \*

Umesh Subhash Benake

Roll No. \*

2202

1 point

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



The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
	timization technique economic allocation of limi echnique	ted resources		
<u></u> А				
ОВ				
Ос				
D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any C) Both a and b  D)None of these  A  B  C  D	
If V be a finite subset of vectors in $\mathbb{R}^n$ to A)convex set  B) polyhedral convex set  C)set of all convex combinations of vectors in $\mathbb{R}^n$ to A  B  C	

i 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

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)  $c_1 c_2$

- ( ) 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	
ОВ	
○ c	
□ D	

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Operational Research I

Name of Student \*

Akash sukumar bhosale

Roll No. \*

2204

1 point

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



The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PW		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
	timization technique economic allocation of limi echnique	ted resources		
<u></u> А				
ОВ				
O C				
D				

.......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



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)  $c_1 - c_2$ 

( ) 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	
ОВ	
○ c	
D	

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Operational Research I

Name of Student \*

Samiksha Surendra Raynade

Roll No. \*

2238

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex	set			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
Linear programm	ning is a			
A) Constrained o	ptimization technique			
<ul><li>B) Technique for</li><li>C) Mathematical</li></ul>	economic allocation of limitechnique	ted resources		
D) All of the abo	(070)			
O A				
В				
O C				
D				

·			
Which of the following is correct?  A) An extreme point is boundary point of B) An extreme point cannot be between an C) Both a and b D)None of these			
○ A			
ОВ			
O 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 vone of the above	ectors in V		
○ A			
ОВ			
O D			

.......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

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)  $c_1 c_2$

- 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	
ОВ	
○ c	
D	

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Operational Research I

Name of Student \*

Tejalyashwantpatil

Roll No. \*

2237

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
Linear programmi	ng is a			
	timization technique			
(S)	economic allocation of limit	ted resources		
<ul><li>C) Mathematical to</li><li>D) All of the above</li></ul>	8.73			
_ A				
В				
O C				
D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point B) An extreme point cannot be between C) Both a and b  D)None of these	
○ A	
ОВ	
<ul><li>C</li></ul>	
O D	
	1 point
If V be a finite subset of vectors in A)convex set B) polyhedral convex set C)set of all convex combinations of D) None of the above	$\mathbb{R}^n$ then the convex hull of V is the of vectors in V
<u></u> А	
ОВ	
<ul><li>C</li></ul>	

.......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

1 point

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

- ( ) 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	
ОВ	
○ c	
D	

This content is neither created nor endorsed by Google.

Operational Research I

Name of Student \*

Omkar Sambhajee Nale

Roll No. \*

2226

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PW		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
Linear programmi	ng is a			
	timization technique			
B) Technique for e     C) Mathematical to	economic allocation of limitechnique	ted resources		
D) All of the above	100 cm			
<u></u> А				
ОВ				
O C				
D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of B) An extreme point cannot be between C) Both a and b  D)None of these  A  B  C  D	
	1 point $\mathbb{R}^n$ then the convex hull of $\mathbb{V}$ is the
C)set of all convex combinations of D) None of the above  A  B  C	vectors in V

.......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

1 point

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

- ( ) 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	
<ul><li>A</li></ul>	
ОВ	
○ c	
O D	

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Operational Research I

Name of Student \*

Sushant Ravindra Chougule

Roll No. \*

2208

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
Linear programmi	ing is a			
	timization technique			
B) Technique for e C) Mathematical to	economic allocation of limit echnique	ted resources		
D) All of the abov	1970			
O A				
В				
O C				
<ul><li>D</li></ul>				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point.  B) An extreme point cannot be between C) Both a and b.  D)None of these.	
If V be a finite subset of vectors in A)convex set B) polyhedral convex set C)set of all convex combinations of D) None of the above  A  B  C	$\mathbb{R}^n$ then the convex hull of V is the of vectors in V

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W	U	ı	11	ı.

.......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

## 1 point

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

- ( ) 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	
ОВ	
○ c	
D	

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Operational Research I

Name of Student \*

Tejaswini Ramchandra Mane

Roll No. \*

2225

1 point

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



The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
is a convex so	et			1 point
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
<b>©</b> В				
○ c				
O D				
				1 point
	ng is a timization technique economic allocation of limi	ted resources		·
C) Mathematical to	echnique	ica resources		
D) All of the above	e			
○ A				
ОВ				
O C				
D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any C) Both a and b  D)None of these  A  B  C  D	
If V be a finite subset of vectors in $\mathbb{R}^n$ the A)convex set B) polyhedral convex set C)set of all convex combinations of vectors. D) None of the above $\bigcirc$ A $\bigcirc$ B	

.......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

1 point

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

- 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	
ОВ	
○ c	
D	

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Operational Research I

Name of Student \*

Maheshkumar Malgonda Hegaje

Roll No. \*

2211

1 point

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



The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex s	set			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
O A				
ОВ				
O C				
D				
				1 point
Linear programm	ing is a			
	otimization technique			
B) Technique for C) Mathematical t	economic allocation of limitechnique	ted resources		
D) All of the abov	(8.73)			
O A				
В				
O C				
<ul><li>D</li></ul>				
-				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of se B) An extreme point cannot be between any C) Both a and b D)None of these  A B C D	
If V be a finite subset of vectors in $\mathbb{R}^n$ to A)convex set  B) polyhedral convex set  C)set of all convex combinations of vectors in $\mathbb{R}^n$ to A  B  C	

.......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

1 point

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

- ( ) 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	
<ul><li>A</li></ul>	
ОВ	
○ c	
O D	

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Operational Research I

Name of Student \*

Kashinath Nandkumar Thorbole

Roll No. \*

2249

1 point

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



The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
Linear programmi	ng is a			
A) Constrained op	timization technique			
B) Technique for e C) Mathematical to	economic allocation of limit	ted resources		
D) All of the above	(4. <del>7</del> 4)			
$\bigcap$ $\Lambda$				
( ) A				
В				
○ c				
D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any C) Both a and b  D)None of these  A  B  C  D	
If V be a finite subset of vectors in $\mathbb{R}^n$ the A)convex set  B) polyhedral convex set  C)set of all convex combinations of vectors  D) None of the above	
<ul><li>A</li><li>B</li><li>C</li></ul>	

.......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



1 point

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

- ( ) 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	
<ul><li>A</li></ul>	
ОВ	
○ c	
O D	

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Operational Research I

Name of Student \*

Pooja Ashok shinde

Roll No. \*

2243

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
is a convex so	et			1 point
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
B				
O C				
O D				
				1 point
	timization technique economic allocation of limi echnique	ted resources		
<ul><li>A</li></ul>				
ОВ				
Ос				
O D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any of C) Both a and b D)None of these	
○ A	
ОВ	
○ C	
O D	
	1 point
If V be a finite subset of vectors in $\mathbb{R}^n$ the	nen the convex hull of V is the
A)convex set B) polyhedral convex set	
C)set of all convex combinations of vect	ors in V
D) None of the above	
<ul><li>A</li></ul>	
ОВ	
○ c	

.......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



1 point

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

- ( ) 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	
ОВ	
O D	

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Operational Research I

Name of Student \*

Aditya Maindargikar

Roll No. \*

2223

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

/20/23, 3:42 PIVI		Internal Examination		
				1 point
is a convex s	set			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
Linear programm	ing is a			
	ptimization technique			
(8)	economic allocation of limit	ted resources		
<ul><li>C) Mathematical t</li><li>D) All of the above</li></ul>	(37)			
<ul><li>A</li></ul>				
ОВ				
O C				
O D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct A) An extreme point is boundary B) An extreme point cannot be b C) Both a and b D)None of these	
В	
<ul><li>C</li></ul>	
O D	
	1 point
If V be a finite subset of vector A)convex set B) polyhedral convex set C)set of all convex combinate D) None of the above	ors in $\mathbb{R}^n$ then the convex hull of V is the ions of vectors in V
O A	
ОВ	
<ul><li>□ C</li></ul>	

		٠			
n	0	п	n	1	
IJ	u	ч		II.	

.......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

### 1 point

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

- ( ) 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	
<ul><li>A</li></ul>	
ОВ	
○ c	
O D	

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Operational Research I

Name of Student \*

10rutujajadhav@gmail.com

Roll No. \*

2214

1 point

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



The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex se	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
○ A				
B				
O C				
O D				
	timization technique economic allocation of limit echnique	ted resources		1 point
В				
O C				
D				

10/20/23, 3.42 1 W	Internal Examination	
Which of the following is A) An extreme point is bo B) An extreme point cann C) Both a and b D)None of these		1 point
<u></u> А		
ОВ		
<b>o</b> c		
O D		
		1 point
A)convex set B) polyhedral convex s	of vectors in $\mathbb{R}^n$ then the convex hull of V is the set set in V	he
<u></u> А		
ОВ		
<b>o</b> c		
O D		

.......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

1 point

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

- 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	
<ul><li>A</li></ul>	
ОВ	
○ c	
O D	

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Operational Research I

Name of Student \*

Bhakturi Pavita Parashram

Roll No. \*

2203

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PW		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
Linear programmi				
	timization technique	tad rasauraas		
C) Mathematical to	economic allocation of limitechnique	led resources		
D) All of the above	е			
<u></u> А				
ОВ				
O C				
D				

10/26/23, 3:42 PM	internal Examination	
Which of the following is A) An extreme point is b B) An extreme point can C) Both a and b D)None of these		1 point
<u></u> А		
ОВ		
<ul><li>C</li></ul>		
O D		
		1 point
A)convex set B) polyhedral convex	mbinations of vectors in V	the
<u></u> А		
В		
<ul><li>C</li></ul>		
O D		

.......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

1 point

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

- ( ) 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	
ОВ	
○ c	
D	

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Operational Research I

Name of Student \*

Rohan lambe

Roll No. \*

2222

1 point

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



The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex	set			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
O A				
ОВ				
<b>o</b> c				
O D				
				1 point
	ptimization technique economic allocation of limi technique	ted resources		
<u></u> А				
В				
O C				
D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any C) Both a and b  D)None of these  A  B  C	
O D	
	1 point
If V be a finite subset of vectors in $\mathbb{R}^n$ t	hen the convex hull of V is the
A)convex set	
B) polyhedral convex set C)set of all convex combinations of vec	tors in V
D) None of the above	IOIS III V
B) None of the above	
○ A	
ОВ	

		٠			
n	0	п	n	1	
IJ	u	ч		II.	

.......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

### 1 point

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

- ( ) 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	

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Operational Research I

Name of Student \*

Shrutika deepak sheregar

Roll No. \*

2241

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex se	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
<b>o</b> c				
O D				
				1 point
	timization technique economic allocation of limitechnique	ted resources		
<u></u> А				
ОВ				
O C				
D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of B) An extreme point cannot be between an C) Both a and b D)None of these	
○ A	
ОВ	
O D	
	1 point
	then the convex hull of V is the
A)convex set B) polyhedral convex set	
C)set of all convex combinations of v D) None of the above	ectors in V
<ul><li>A</li></ul>	
ОВ	
○ c	
O D	

.......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

1 point

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

- ( ) 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	
<ul><li>A</li></ul>	
ОВ	
○ c	
O D	

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Operational Research I

Name of Student \*

Amruta hanamant mali

Roll No. \*

2224

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
Linear programmi	ng is a			
	timization technique			
(S)	economic allocation of limit	ted resources		
<ul><li>C) Mathematical to</li><li>D) All of the above</li></ul>	8.73			
,				
_ A				
ОВ				
O C				
D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any C) Both a and b  D)None of these  A  B  C	
	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 vec	etors in V
D) None of the above	
( A	
В	

.......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

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)  $c_1 c_2$

- 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	
ОВ	
○ c	
D	

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Operational Research I

Name of Student \*

pravinkumar vijaysinh patil

Roll No. \*

2235

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
is a convex se	et			1 point
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
<b>©</b> В				
O C				
O D				
				1 point
	timization technique conomic allocation of limi echnique	ted resources		
<ul><li>A</li></ul>				
ОВ				
○ c				
O D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any C) Both a and b  D)None of these  A  B  C  C	
If V be a finite subset of vectors in $\mathbb{R}^n$ to A)convex set  B) polyhedral convex set  C)set of all convex combinations of vectors in $\mathbb{R}^n$ to A $\bigcirc$ B	

i 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

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)  $c_1 c_2$

- ( ) 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	
<ul><li>A</li></ul>	
ОВ	
○ c	
O D	

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Operational Research I

Name of Student \*

Samruddhi Satish Rokade

Roll No. \*

2239

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

l/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<ul><li>A</li></ul>				
ОВ				
O C				
O D				
				1 point
				i point
Linear programmi				
	timization technique economic allocation of limi	ted resources		
C) Mathematical t	(CTC)			
D) All of the abov	re			
<ul><li>A</li></ul>				
ОВ				
Ос				
O D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any C) Both a and b  D)None of these  A  B  C  D	
If V be a finite subset of vectors in $\mathbb{R}^n$ to $\underline{A}$ )convex set  B) polyhedral convex set  C)set of all convex combinations of vectors $\underline{A}$ ). Name of the above	
D) None of the above  A  B  C	

.......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

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)  $c_1 c_2$

- ( ) 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	
<ul><li>A</li></ul>	
ОВ	
○ c	
O D	

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Operational Research I

Name of Student \*

Pradnya Nishikant Chopade

Roll No. \*

2206

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PW		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
	timization technique economic allocation of limi echnique	ted resources		
<b>О</b> А				
В				
Ос				
D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any C) Both a and b  D)None of these  A  B  C  D	
If V be a finite subset of vectors in $\mathbb{R}^n$ (A)convex set  B) polyhedral convex set  C)set of all convex combinations of vectors of the above  A  B  C	

.......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

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)  $c_1 c_2$

- ( ) 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	
ОВ	
○ c	
D	

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Operational Research I

Name of Student \*

Jyoti Gorakhanath Kedar

Roll No. \*

2218

1 point

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



The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
	timization technique economic allocation of limit echnique	ted resources		
<u></u> А				
ОВ				
O C				
<b>O</b> D				

0/20/20, 0.42 1 W	mortal Examination
Which of the following is correct <sup>a</sup> A) An extreme point is boundary B) An extreme point cannot be be C) Both a and b D)None of these	point of set
<u></u> А	
ОВ	
○ c	
O D	
	ors in $\mathbb{R}^n$ then the convex hull of V is the
A)convex set B) polyhedral convex set	
C)set of all convex combination D) None of the above	ons of vectors in V
<ul><li>A</li></ul>	
ОВ	
O C	
O D	

.......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



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)  $c_1 - c_2$ 

( ) 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	
<ul><li>A</li></ul>	
ОВ	
○ c	
O D	

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Operational Research I

Name of Student \*

Pooja Anandrao kadam

Roll No. \*

2215

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

is a convex set A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these  A B C C D	1 point
A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these  O A  O B  C C	
<ul><li>A</li><li>B</li><li>C</li></ul>	
<ul><li>○ В</li><li>○ С</li></ul>	
○ c	
● D	
	1 point
	r 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	
D) All of the above	
○ A	
ОВ	
○ c	

10/26/23, 3:42 PM	Internal Examination	
Which of the following is A) An extreme point is b B) An extreme point can C) Both a and b D)None of these		1 point
_ A		
В		
<ul><li>C</li></ul>		
O D		
		1 point
A)convex set B) polyhedral convex	ombinations of vectors in V	is the
_ A		
ОВ		
○ C		
O D		

.......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

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)  $c_1 c_2$

- 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	
ОВ	
○ c	
D	

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Operational Research I

Name of Student \*

Suman Mohan badave

Roll No. \*

2201

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
is a convex s	set			1 point
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
B				
O C				
O D				
				1 point
Linear programm				
	otimization technique economic allocation of limi	ted resources		
<ul><li>C) Mathematical t</li><li>D) All of the abov</li></ul>				
<ul><li>A</li></ul>				
ОВ				
O C				
O D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any C) Both a and b  D)None of these	
<u></u> А	
ОВ	
<b>⊙</b> C	
O D	
	1 point
If V be a finite subset of vectors in $\mathbb{R}^n$ (A)convex set B) polyhedral convex set C)set of all convex combinations of vectors D) None of the above	
○ A	
ОВ	

.......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

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)  $c_1 c_2$

- ( ) 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	
<ul><li>A</li></ul>	
ОВ	
○ c	
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Operational Research I

Name of Student \*

Swarupa sanjay kumbhar

Roll No. \*

2221

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
is a convex s	et			1 point
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
B				
O C				
O D				
				1 point
	timization technique economic allocation of limi echnique	ted resources		
<ul><li>A</li></ul>				
ОВ				
Ос				
O D				

0/20/20, 0.42 1 W	mornal Examination	
Which of the following is co A) An extreme point is boun B) An extreme point cannot C) Both a and b D)None of these		1 point
<u></u> А		
ОВ		
<ul><li>c</li></ul>		
O D		
		1 point
If V be a finite subset of A)convex set B) polyhedral convex set C)set of all convex comb D) None of the above		e
O A		
ОВ		
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O D		

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.......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

## 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)  $c_1 c_2$

- ( ) 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	
<ul><li>A</li></ul>	
ОВ	
○ c	
O D	

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Operational Research I

Name of Student \*

Bhakti Dhanaji Patil

Roll No. \*

2232

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PW		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
	timization technique			
C) Mathematical to     D) All of the above	(-74)	ted resources		
<u></u> А				
ОВ				
O C				
D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of se B) An extreme point cannot be between any C) Both a and b D)None of these	
○ A	
ОВ	
● C	
O D	
	1 point
If V be a finite subset of vectors in $\mathbb{R}^n$ to A)convex set  B) polyhedral convex set  C)set of all convex combinations of vectors of the above	
○ A	
ОВ	

.......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

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)  $c_1 c_2$

- 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	
ОВ	
○ c	
D	

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Operational Research I

Name of Student \*

Priyanka Shivayya Swami

Roll No. \*

2247

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
	timization technique economic allocation of limi echnique	ted resources		
<u></u> А				
В				
O C				
D				

Which of the following is correct?  A) An extreme point is boundary point of B) An extreme point cannot be between an C) Both a and b  D)None of these	
○ A	
ОВ	
O D	
	1 point
If V be a finite subset of vectors in $\mathbb{R}^n$ A)convex set B) polyhedral convex set C)set of all convex combinations of vectors. D) None of the above	then the convex hull of V is the
<u></u> А	
ОВ	
● c	
O D	

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

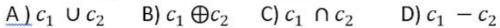
A) finite intersection

- B) finite union
- C) Arbitrary intersection
- D) Arbitrary union



1 point

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



D) 
$$c_1 - c_2$$

( ) 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	
ОВ	
○ c	
□ D	

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Operational Research I

Name of Student \*

Prajakta Rajkumar Thikane

Roll No. \*

2248

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex	set			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
O A				
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				1 point
	ptimization technique economic allocation of limi technique	ted resources		
<ul><li>A</li></ul>				
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С				
O D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any C) Both a and b  D)None of these  A  B  C  D	
If V be a finite subset of vectors in $\mathbb{R}^n$ the A)convex set  B) polyhedral convex set  C)set of all convex combinations of vectors  D) None of the above  A  B  C	

n	0	ı	n	+
W	U	ı	11	ı.

.......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

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)  $c_1 c_2$

- ( ) 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	
ОВ	
○ c	
D	

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Operational Research I

Name of Student \*

Amruta Ravindra Patil

Roll No. \*

2229

1 point

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



The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
is a convex se	et			1 point
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
B				
Ос				
O D				
				1 point
	timization technique economic allocation of limi echnique	ted resources		
<ul><li>A</li></ul>				
ОВ				
Ос				
O D				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point?  B) An extreme point cannot be between C) Both a and b  D)None of these	
○ A	
ОВ	
<ul><li>C</li></ul>	
O D	
	1 point
If V be a finite subset of vectors in In A)convex set B) polyhedral convex set C)set of all convex combinations of D) None of the above	$\mathbb{R}^n$ then the convex hull of V is the
<u></u> А	
ОВ	
<ul><li>C</li></ul>	

.......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

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)  $c_1 c_2$

- ( ) 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	
<ul><li>A</li></ul>	
ОВ	
○ c	
O D	

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Operational Research I

Name of Student \*

Snehal sarjerao patil

Roll No. \*

2236

1 point

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



The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
is a convex se	et			1 point
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
B				
○ c				
O D				
				1 point
	timization technique economic allocation of limi echnique	ted resources		
<ul><li>A</li></ul>				
ОВ				
Ос				
O D				

10/20/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point B) An extreme point cannot be between C) Both a and b  D)None of these	
<u></u> А	
ОВ	
● C	
O D	
	1 point
If V be a finite subset of vectors in A)convex set B) polyhedral convex set C)set of all convex combinations D) None of the above	in $\mathbb{R}^n$ then the convex hull of V is the
<u></u> А	
ОВ	
<ul><li>c</li></ul>	
O D	

.......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

1 point

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

- ( ) 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	
<ul><li>A</li></ul>	
ОВ	
○ c	
O D	

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Operational Research I

Name of Student \*

Dipti Dilip Patil

Roll No. \*

2233

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex se	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
B				
O C				
O D				
Linear programmi	ng is a			1 point
	timization technique			
B) Technique for e C) Mathematical to	economic allocation of limit echnique	ted resources		
D) All of the above	(47)			
<ul><li>A</li></ul>				
ОВ				
O C				
O D				

0/26/23, 3:42 PM	Internal Examination
Which of the following is A) An extreme point is bo B) An extreme point cann C) Both a and b D)None of these	
○ A	
ОВ	
<b>⊙</b> c	
O D	
A)convex set B) polyhedral convex s	vectors in $\mathbb{R}^n$ then the convex hull of V is the et binations of vectors in V
D) None of the above	
<u></u> А	
В	

.......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

1 point

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

- ( ) 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	
<ul><li>A</li></ul>	
ОВ	
○ c	
O D	

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Operational Research I

Name of Student \*

Patil Komal Jaysing

Roll No. \*

2234

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/20/23, 3:42 PW		Internal Examination		
				1 point
is a convex s	set			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
○ c				
D				
				1 point
Linear programm	ing is a			
	otimization technique			
(S)	economic allocation of limi	ted resources		
<ul><li>C) Mathematical t</li><li>D) All of the above</li></ul>	(47)			
( A				
В				
O C				
D				

10/26/23, 3:42 PM	Internal Examination	
Which of the following i A) An extreme point is b B) An extreme point can C) Both a and b D)None of these		1 point
_ A		
ОВ		
<ul><li>C</li></ul>		
O D		
If V ha a finite subset	of vectors in $\mathbb{R}^n$ then the convex hull of V is	1 point
A)convex set	of vectors in in then the convex hull of v is	me
B) polyhedral convex		
C)set of all convex co D) None of the above	ombinations of vectors in V	
( A		
В		
● C		
O D		

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W	U	ı	11	ı.

.......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

1 point

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

- ( ) 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	
ОВ	
○ c	
□ D	

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Operational Research I

Name of Student \*

Nemane Madhuri Namdev

Roll No. \*

2227

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
is a convex set  A) Hyperplane B)	Convex <u>polyhydron</u>	C) Convex hull	D) all of these	1 point
<ul><li>A</li><li>B</li><li>C</li><li>D</li></ul>				
				1 point
Linear programming is A) Constrained optimiz B) Technique for econo C) Mathematical technic D) All of the above	zation technique omic allocation of limi	ted resources		
<u></u> А				
ОВ				
C				
O D				

10/26/23, 3:42 PM	Internal Examination	
Which of the following is A) An extreme point is be B) An extreme point can C) Both a and b D)None of these		1 point
○ A		
ОВ		
<ul><li>C</li></ul>		
O D		
		1 point
A)convex set B) polyhedral convex s	of vectors in $\mathbb{R}^n$ then the convex hull of V is set mbinations of vectors in V	s the
<u></u> А		
ОВ		
● C		
OD		

.......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

1 point

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

- ( ) 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	
ОВ	
○ c	
D	

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Operational Research I

Name of Student \*

manasi madhukar jadhav

Roll No. \*

2212

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O 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				
<u></u> А				
ОВ				
O C				
D				

0/20/20, 0.42 ( W)	morrar Examination	
Which of the following is correct?  A) An extreme point is boundary point of B) An extreme point cannot be between a C) Both a and b  D)None of these		
<u></u> А		
ОВ		
<ul><li>C</li></ul>		
O D		
	1 point	
If V be a finite subset of vectors in R  A)convex set  B) polyhedral convex set  C)set of all convex combinations of v  D) None of the above	then the convex hull of V is the	
<u></u> А		
ОВ		
C		
O D		

.......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

1 point

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

- ( ) 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	
ОВ	
○ c	
□ D	

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Operational Research I

Name of Student \*

Miss Madhavi Mohan Padawal

Roll No. \*

2228

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex se	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
<b>O</b> D				
				1 point
Linear programmi	ng is a			
	timization technique	and the second second		
C) Mathematical to	economic allocation of limit echnique	ted resources		
D) All of the above	e			
<u></u> А				
ОВ				
Ос				
D				

10/26/23, 3:42 PM	internal Examination
Which of the following is cor. A) An extreme point is bound B) An extreme point cannot b C) Both a and b D)None of these	
<u></u> А	
ОВ	
● C	
O D	
	1 point
If V be a finite subset of vo A)convex set B) polyhedral convex set C)set of all convex combin D) None of the above	ectors in $\mathbb{R}^n$ then the convex hull of V is the  nations of vectors in V
○ A	
ОВ	
○ C	
O D	

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IJ	u	ч		II.	

.......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

## 1 point

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

- ( ) 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	
O D	

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Operational Research I

Name of Student \*

Shruti Babasaheb Shinde

Roll No. \*

2244

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
Linear programmi A) Constrained op	ng is a timization technique			
B) Technique for e C) Mathematical to D) All of the above	(CTC)	ted resources		
○ A				
ОВ				
O C				
D				

0/26/23, 3:42 PM	Internal Examination
Which of the following is correct A) An extreme point is boundar B) An extreme point cannot be C) Both a and b D)None of these	
<u></u> А	
ОВ	
○ C	
O D	
	1 point
If V be a finite subset of vec	tors in $\mathbb{R}^n$ then the convex hull of V is the
A)convex set	
B) polyhedral convex set C)set of all convex combina	tions of vectors in V
D) None of the above	tions of vectors in v
( A	
В	

n	0	ı	n	+
W	U	ı	11	ı.

.......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

### 1 point

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

- ( ) 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	
ОВ	
○ c	
□ D	

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Operational Research I

Name of Student \*

Nikita keshav patil

Roll No. \*

2230

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex s	set			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
Linear programm	ing is a			
A) Constrained or	otimization technique			
B) Technique for C) Mathematical t	economic allocation of limitechnique	ted resources		
D) All of the above	1070			
О A				
ОВ				
Ос				
D				

0/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any C) Both a and b  D)None of these	
<ul><li>A</li></ul>	
ОВ	
○ c	
O D	
	1 point
If V be a finite subset of vectors in $\mathbb{R}^n$ to $\underline{A}$ )convex set  B) polyhedral convex set  C)set of all convex combinations of vectors $\underline{A}$ ). None of the above	
<ul><li>A</li></ul>	
ОВ	
○ c	

D

.......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

1 point

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

- ( ) 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	
ОВ	
○ C	
D	

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Operational Research I

Name of Student \*

Reshma Babaso Havaldar.

Roll No. \*

2210

1 point

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



The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
Linear programmi				
	timization technique economic allocation of limi	ted resources		
C) Mathematical t	echnique			
D) All of the abov	e			
_ A				
ОВ				
O C				
D				

0/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any C) Both a and b  D)None of these	
<ul><li>A</li></ul>	
ОВ	
ОС	
O D	
	1 point
If V be a finite subset of vectors in $\mathbb{R}^n$ (A)convex set B) polyhedral convex set C)set of all convex combinations of vectors D) None of the above	
<ul><li>A</li></ul>	
ОВ	
Ос	

.......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

1 point

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

- ( ) 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	
ОВ	
○ c	
D	

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Operational Research I

Name of Student \*

Shital dhondiram chavan

Roll No. \*

2205

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/20/23, 3:42 PIVI		Internal Examination		
				1 point
is a convex	set			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
В				
O C				
D				
				1 point
Linear programm	ning is a			
A) Constrained o	ptimization technique			
<ul><li>B) Technique for</li><li>C) Mathematical</li></ul>	economic allocation of limi	ted resources		
D) All of the abo	(47)			
<u></u> А				
ОВ				
О С				
<ul><li>D</li></ul>				
ט 🌑				

10/26/23, 3:42 PM	Internal Examination
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any C) Both a and b  D)None of these	
O A	
ОВ	
<ul><li>C</li></ul>	
O D	
If V be a finite subset of vectors in $\mathbb{R}^n$ to A)convex set	hen the convex hull of V is the
B) polyhedral convex set	
C)set of all convex combinations of vec	tors in V
D) None of the above	NOTS III V
<ul><li>A</li></ul>	
ОВ	
○ c	

.......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

1 point

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

- ( ) 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	
<ul><li>A</li></ul>	
ОВ	
○ c	
O D	

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Operational Research I

Name of Student \*

Aniket Kerba Kapade

Roll No. \*

2211

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
Linear programmi	ng is a			
	timization technique			
(S)	economic allocation of limit	ted resources		
<ul><li>C) Mathematical to</li><li>D) All of the above</li></ul>	(4. <del>7</del> 0)			
_ A				
В				
Ос				
D				

10/26/23, 3:42 PM	Internal Examination	
Which of the following is A) An extreme point is be B) An extreme point can C) Both a and b D)None of these		1 point
<u></u> А		
В		
<ul><li>C</li></ul>		
O D		
		1 point
A)convex set B) polyhedral convex s	of vectors in $\mathbb{R}^n$ then the convex hull of V is set mbinations of vectors in V	the
<u></u> А		
ОВ		
<ul><li>C</li></ul>		
OD		

.......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

1 point

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

- ( ) 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	
<ul><li>A</li></ul>	
○ B	
○ c	
O D	

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Operational Research I

Name of Student \*

Mantesh Pandurang Sokasane

Roll No. \*

2245

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

0/26/23, 3:42 PM		Internal Examination		
				1 point
is a convex s	et			
A) Hyperplane	B) Convex polyhydron	C) Convex hull	D) all of these	
<u></u> А				
ОВ				
O C				
D				
				1 point
Linear programmi				
	timization technique			
C) Mathematical to	economic allocation of limitechnique	led resources		
D) All of the abov	100 cm			
<u></u> А				
ОВ				
O C				
D				

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	1 point
○ A	
ОВ	
O 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	
A)convex set B) polyhedral convex set	
A)convex set B) polyhedral convex set C)set of all convex combinations of vectors in V	
A)convex set B) polyhedral convex set C)set of all convex combinations of vectors in V D) None of the above	
A)convex set B) polyhedral convex set C)set of all convex combinations of vectors in V D) None of the above	

.......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

1 point

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

- ( ) 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	
ОВ	
○ c	
D	

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Operational Research I

Name of Student \*

Snehal Anil Yadav

Roll No. \*

2250

1 point

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

The set of all convex combinations of a finite number of points x.v.z... is a ....

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

1 point

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

	1 point
is a convex set	
A) Hyperplane B) Convex polyhydron C) Convex hull D) all of these	
○ A	
○ B	
○ c	
	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	

, <del>_ , _ , , , , , , , , , , , , , , , ,</del>	
Which of the following is correct?  A) An extreme point is boundary point of set B) An extreme point cannot be between any C) Both a and b  D)None of these	
<u></u> А	
ОВ	
<ul><li>C</li></ul>	
O D	
	1 point
If V be a finite subset of vectors in $\mathbb{R}^n$ A)convex set	then the convex hull of V is the
B) polyhedral convex set	
C)set of all convex combinations of vec D) None of the above	etors in V
D) None of the above	
○ A	
<ul><li>B</li></ul>	
( ) C	
○ D	

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.......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

### 1 point

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

- ( ) 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	
ОВ	
○ c	
□ D	

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