

भारतीय विमानपत्तन प्राधिकरण

(मिनी रत्न - श्रेणी - 1 सार्वजनिक क्षेत्र का उद्दम)

AIRPORTS AUTHORITY OF INDIA

(Schedule - 'A' Mini Ratna - Category - 1 Public Sector Enterprise)

Participant ID	
Participant Name	
Test Center Name	
Test Date	25/03/2021
Test Time	4:00 PM - 6:00 PM
Subject	Jr. Executive (ATC)

Section: General Knowledge

Q.1 Which of the following is a non-metal required by the human body?

۸no

🗙 A. Zino

X B. Iron

C. Iodine

X D. Gold

Question ID: 9767557961

Status: Answered

Chosen Option: 3

Q.2 Which Indian author penned 'Godaan' ('The Gift of Cow')?

Δns

X A. Ramdhari Singh Dinkar

X B. Vishnu Prabhakar

C. Munshi Premchand

X D. Mahadevi Verma

Question ID: 9767557959 Status: Answered

Chosen Option: 3

Q.3 In whose honour has 29th August been designated as India's National Sports day?

Ans

X A. Mithali Raj

X B. Sachin Tendulkar

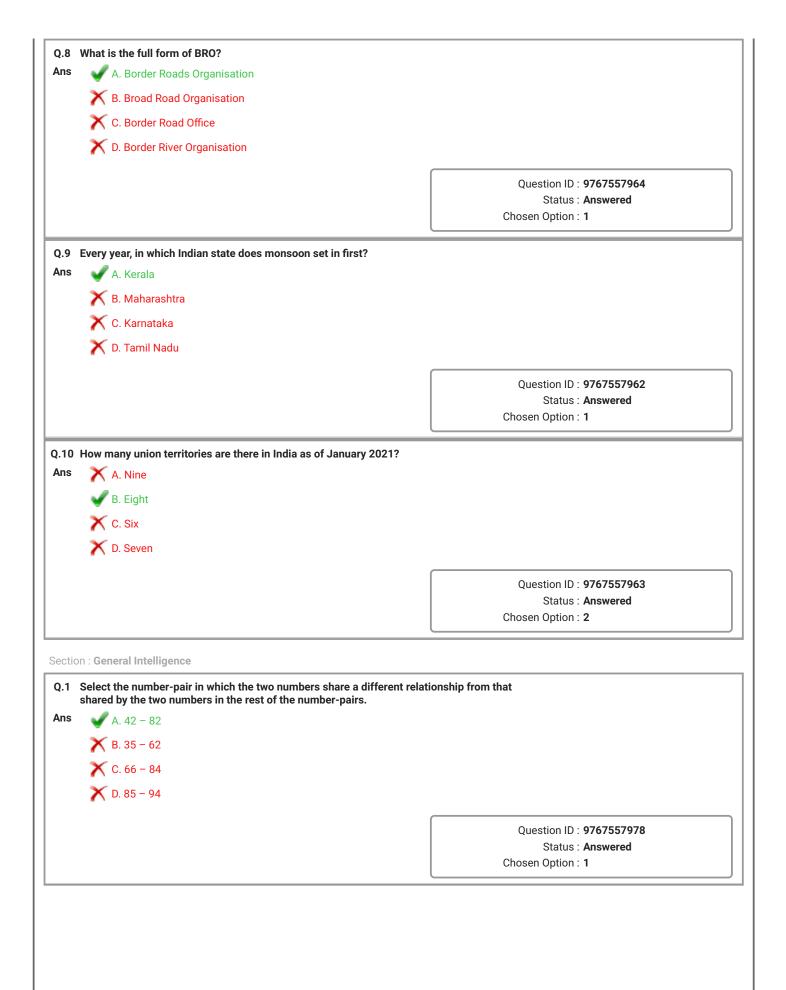
C. Major Dhyan Chand

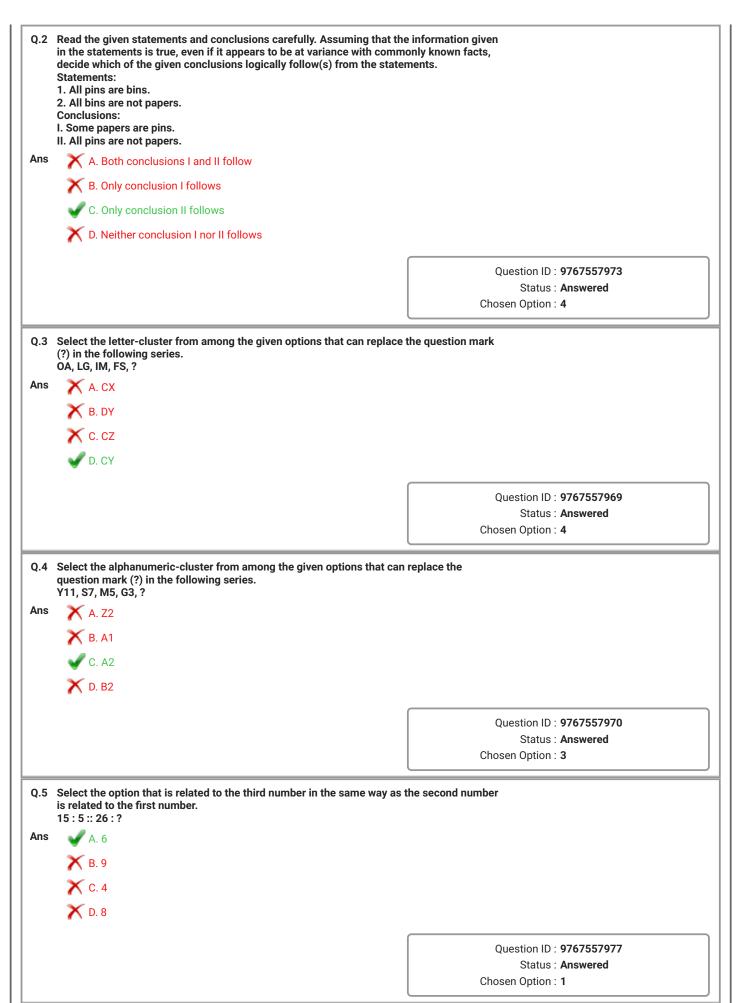
X D. Milkha Singh

Question ID: 9767557968

Status: Answered

าร	X A. Akbar		
	X B. Humayun		
	C. Bahadur Shah Zafar		
	D. Shah Jahan		
	•		
		Question ID : 9767557965 Status : Answered	
		Chosen Option : 3	
).5 \ns	India is considered to be which of the following types of economy?		
1113	A. Traditional Economy		
	B. Pure Market Economy		
	C. Pure Command Economy		
	D. Mixed Economy		
		Question ID : 9767557960	
		Status : Answered	
		Chosen Option : 4	
Q.6	Which significant event took place in 1757?		
Ans	X A. First Census in India		
	X B. The Sepoy Mutiny		
	✔ C. Battle of Plassey		
	X D. Formation of East India Company		
		Question ID: 9767557966 Status: Answered	
		Chosen Option : 3	
	W		
ر. ر Ans	Who was known as the 'Frontier Gandhi/Sarhadi Gandhi' due to his A. Jawahar Lal Nehru	ideologies?	
	B. Muhammad Ali Jinnah		
	C. Lal Bahadur Shastri		
	D. Khan Abdul Ghaffar Khan		
		Question ID : 9767557967	
		Status : Answered	
		Chosen Option : 4	



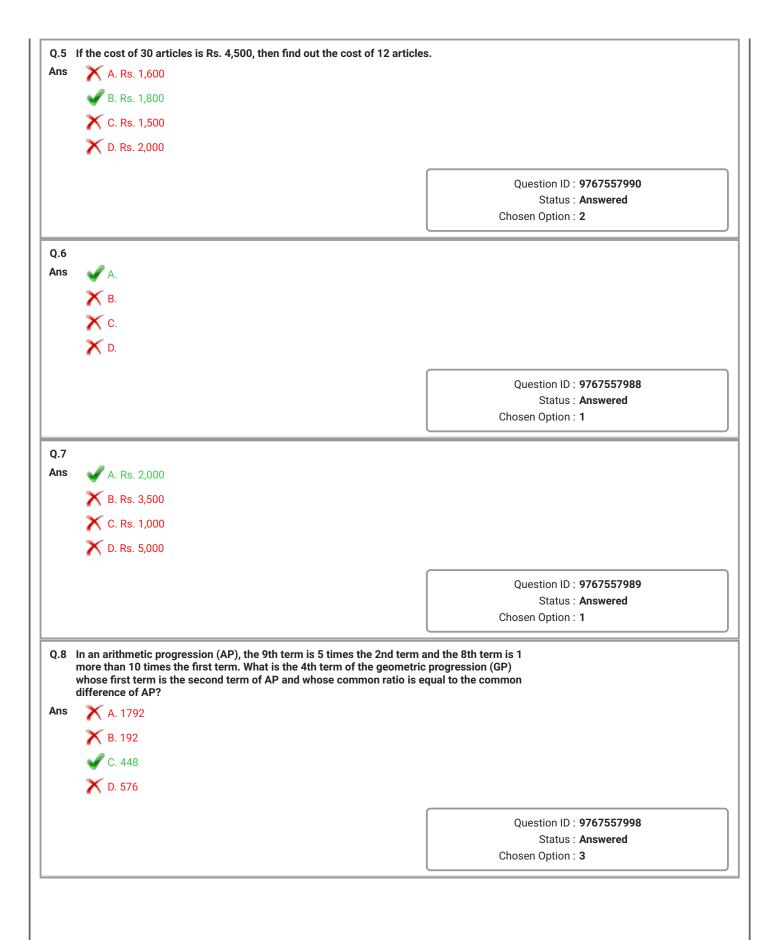


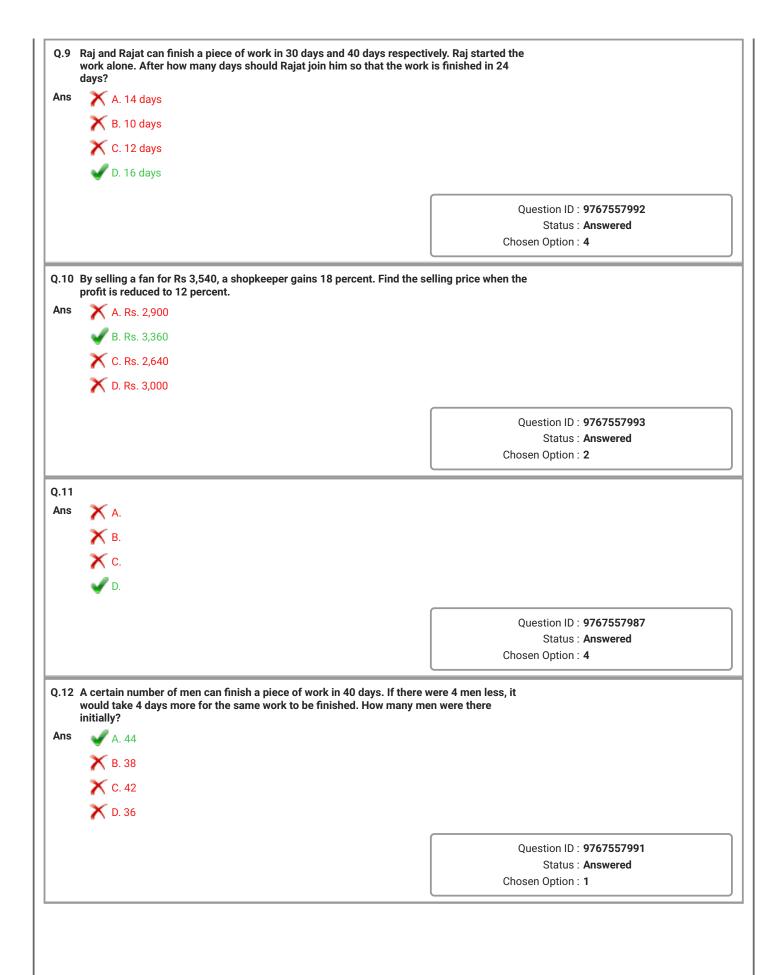
	Select the correct option that indicates the arrangements of the given we meaningful order. 1. Nucleus 2. Molecule 3. Atom 4. Proton 5. Compound	ords in a logical and
Ans	X A. 4, 1, 3, 5, 2	
	X B. 5, 3, 2, 4, 1	
	C. 5, 2, 3, 4, 1	
	D. 4, 1, 3, 2, 5	
		Outstier ID : 0767557075
		Question ID : 9767557975 Status : Answered
		Chosen Option : 4
Q.7	Select the option in which the letter-clusters share the same relationshi the given pair of letter-clusters. GI: VC	p as that shared by
Ans	A. HY: WS	
	X B. AC∶OW	
	C. CY: DB	
	D. GL : VB	
		Question ID : 9767557971
		Status : Answered
		Chosen Option: 3
Q.8	A question is given, followed by two arguments. Decide which of the argument respect to the question. Question: Should school-going children have internet access at home? Arguments: (I): Yes, because through the internet students can have access to educ YouTube, articles addressing current events that impact their lives, and quizzes required in their coursework. (II): No, it's a waste of time. A. Neither argument (I) nor argument (II) is valid B. Only argument (I) is valid C. Only argument (II) is valid D. Both arguments (I) and (II) are valid	ational videos on
		Status : Answered Chosen Option : 2

	Select the correct water image of the given figure.	
Ans		
	X B.	
	X c.	
	✓ D.	
		2 12 2-4
		Question ID : 9767557983 Status : Answered
		Chosen Option : 4
		·
).10	In a certain code language, 'Tudo Bem' is written as 'All Fine', 'Cor You', and 'Bem Como' is written as 'Fine You'. How will 'Tudo Esta language?	
Ans	X A. All You	
	X B. All Fine	
	C. All How	
	D. How Fine	
		Question ID : 9767557972
		Status : Answered
		Chosen Option : 3
2.11	Two different positions of the same dice are shown. Select the leading opposite to the face having the letter T?	tter that will be on the face
Ans		
	🗙 B. R	
	✓ C. P	
	✓ C. P	Question ID: 9767557982
	✓ C. P	Question ID : 9767557982 Status : Answered
	✓ C. P	
2.12	C. P D. U Select the option in which the numbers are related in the same was the following set.	Status : Answered Chosen Option : 3
	C. P D. U Select the option in which the numbers are related in the same was the following set. (18, 6, 36)	Status : Answered Chosen Option : 3
	C. P D. U Select the option in which the numbers are related in the same was the following set. (18, 6, 36)	Status : Answered Chosen Option : 3
	C. P D. U Select the option in which the numbers are related in the same was the following set. (18, 6, 36) A. (30, 15, 60)	Status : Answered Chosen Option : 3
	C. P D. U Select the option in which the numbers are related in the same was the following set. (18, 6, 36) A. (30, 15, 60) B. (40, 10, 80)	Status : Answered Chosen Option : 3
	C. P D. U Select the option in which the numbers are related in the same was the following set. (18, 6, 36) A. (30, 15, 60) B. (40, 10, 80) C. (24, 8, 48)	Status : Answered Chosen Option : 3 ay as are the numbers of
Q.12 Ans	C. P D. U Select the option in which the numbers are related in the same was the following set. (18, 6, 36) A. (30, 15, 60) B. (40, 10, 80) C. (24, 8, 48)	Status : Answered Chosen Option : 3

Q.13	Select the option that is related to the third figure in the same way as the related to the first figure.	second figure is
Ans	X A.	
	✓ B.X C.X D.	
	X c.	
	X D.	
		Question ID: 9767557981
		Status : Answered
		Chosen Option : 4
Q.14	Select the number from among the given options that can replace the qu	estion mark (?) in
	the following series. 100, 120, 145, 180, 235, ?	
Ans	X A. 325	
	X B. 335	
	℃ C. 315	
	✓ D. 330	
	1	Question ID : 9767557976
		Status : Answered
		Chosen Option : 4
0.15	Select the figure from among the given options that can replace the ques	etion mark (?) in the
	following series.	
Ans	X A.	
	★ B. ★ C.	
	✓ D.	
		Question ID: 9767557980
		Status : Answered
		Chosen Option : 4
Co ±:	n - Camaral Antituda	
sectio	on : General Aptitude	

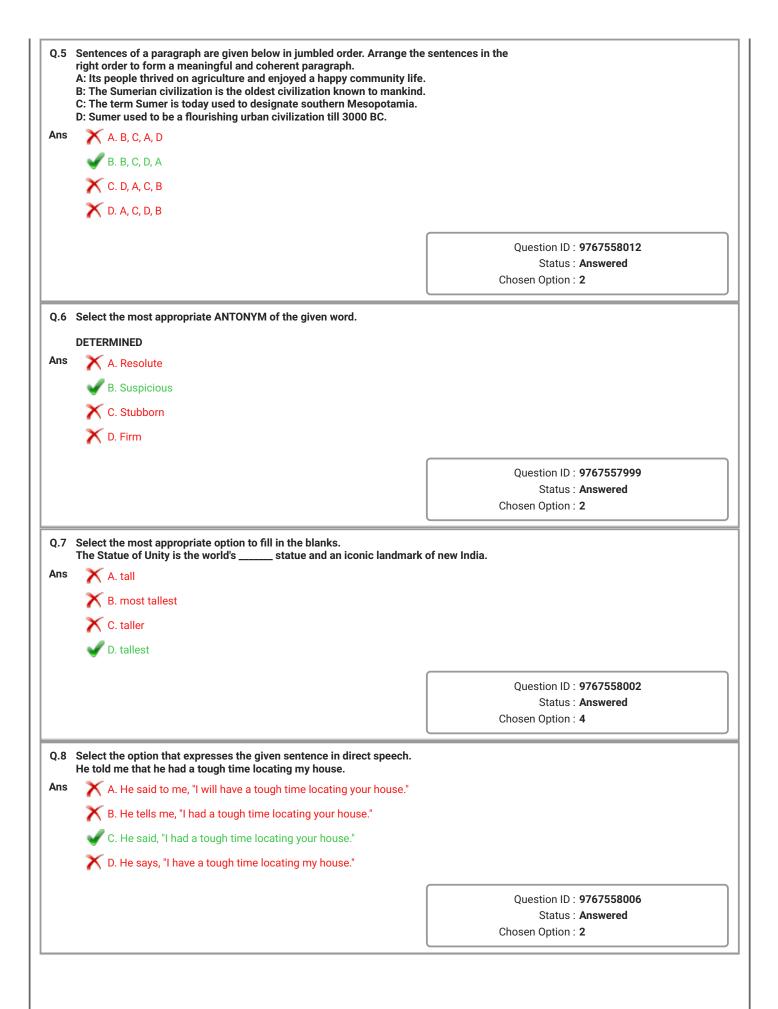
Q.1	The average rate of three stationery items A, B and C is Rs B is Rs. 77.5 and that of B and C Rs. 87.5, then the price of		
ns	✓ A. Rs. 90		
	X B. Rs.65		
	X C. Rs. 85		
	X D. Rs. 75		
		0 11 15 224	
		Question ID: 9767557994 Status: Answered	
		Chosen Option : 1	
).2	Aman purchased 4 pens, 5 pencils and 8 scales for Rs. 120 pencils and 11 scales, he would have to pay Rs. 192. Panka and 2 scales. If Aman purchased only what was demanded he have paid?	aj demanded 2 pens, 2 pencils	
ns	X A. Rs. 32		
	✓ B. Rs. 48		
	X C. Rs. 38		
	X D. Rs. 42		
		Question ID : 9767557997	
		Status : Answered	
		Chosen Option : 2	
Q.3 Ans	✓ A.X B.X C.X D.		
		Question ID : 9767557985	
		Status : Answered	
		Chosen Option : 1	
).4	The outer and inner radius of a hemispherical bowl are 40 the total surface area of the bowl.	cm and 35 cm respectively. Find	
ns	\times A. 6125 π		
	χ Β. 5055 π		
	C. 6025 π		
	Χ D. 5255 π		
		Question ID: 9767557996	
		Status : Answered Chosen Option : 3	





Q.13	There is 30 percent increase in an amount in 3 years at x percent Find the compound interest on Rs. 30,000 after 4 years at the sar	rate of simple interest. ne rate.	
Ans	X A. Rs. 9,930		
	X B. Rs. 13,293		
	X C. Rs. 11,980		
	✓ D. Rs. 13,923		
		Question ID : 9767557995 Status : Answered	
		Chosen Option : 4	
0.14	What is the product of the smallest 8 whole numbers?		
Ans	A. 40320		
	★ B. 5040		
	★ 0.1		
	✓ D. 0		
		Question ID : 9767557984	
		Status : Answered Chosen Option : 4	
Q.15			
Ans	X A.		
	X B.		
	X c.		
	✓ D.		
		Question ID : 9767557986	
		Status : Answered	
		Chosen Option : 4	
Section	on : General English		
Q.1	Select the most appropriate option to fill in the blanks. There was a time when Hyderabad was the only cityb we can see a huge talent pan India.	adminton players, but now	
Ans	X A. to produce; cropping in		
	X B. produce; crop up		
	C. producing; cropping up		
	D. produced; cropping from		
	• 4 Change of the bridge of the bride of the bridge of the bridge of the bridge of the bridge of the		
		Question ID : 9767558001	
		Status : Answered Chosen Option : 3	

Q.2	Select the most appropriate ANTONYM of the given word. GREGARIOUS	
Ans	X A. Sociable	
	✓ B. Reserved	
	C. Affable	
	D. Talkative	
	2. Talladire	
		Question ID: 9767558000
		Status : Answered Chosen Option : 2
		Chosen Option . 2
Q.3	The following sentence has been divided into parts. One of them may consider that contains the error from the given options. Dr. Trehan says / he felt an overwhelming sense of helplessness / when many of his patients / die of heart disease.	
Ans	🗙 A. Dr.Trehan says	
	B. when he is watching much of his patients	
	X C. he felt an overwhelming sense of helplessness	
	X D. die of heart disease	
		Oversting ID : 0767550004
		Question ID : 9767558004 Status : Answered
		Chosen Option : 2
Q.4	Sentences of a paragraph are given below. While the first and the last secorrect order, the sentences in between are jumbled up. Arrange the sent D in the correct order to form a meaningful and coherent paragraph. S 1: Oceans cover three-quarters of the Earth's surface. S 2:	tion's Sustainable where the ped fully.
	C. B, C, D, A	
	D. D, B, C, A	
		Question ID : 9767558011
		Status: Answered
		Chosen Option : 4



Q.9 Select the most appropriate option that can substitute the underlined words in the given sentence.

The <u>art of growing plants in water without using soil</u> is getting popular worldwide as it can be highly productive, profitable and in less space without any soil.

Ans







X D. hydrophonically

Question ID: 9767558014 Status: Answered Chosen Option: 3

Q.10 Select the option that is NOT expressed in active voice.

Ans

X A. Aruna and her friends were planning to spend a weekend in Goa.

B. Aruna and her friends started enquiring from other hotels if they had rooms available for that weekend.

X C. She called the Manager of Sunshine Resort to book two rooms overlooking the sea.

D. She was informed by the Manager that there were no rooms available for that weekend.

Question ID: 9767558010 Status: Answered Chosen Option: 4

Q.11 Select the option that expresses the given sentence in reported speech.

Addressing the nation, the President said, "There are some days when we need a hand. There are other days when we are called to lend a hand. That's how we help each other and move on."

Ans

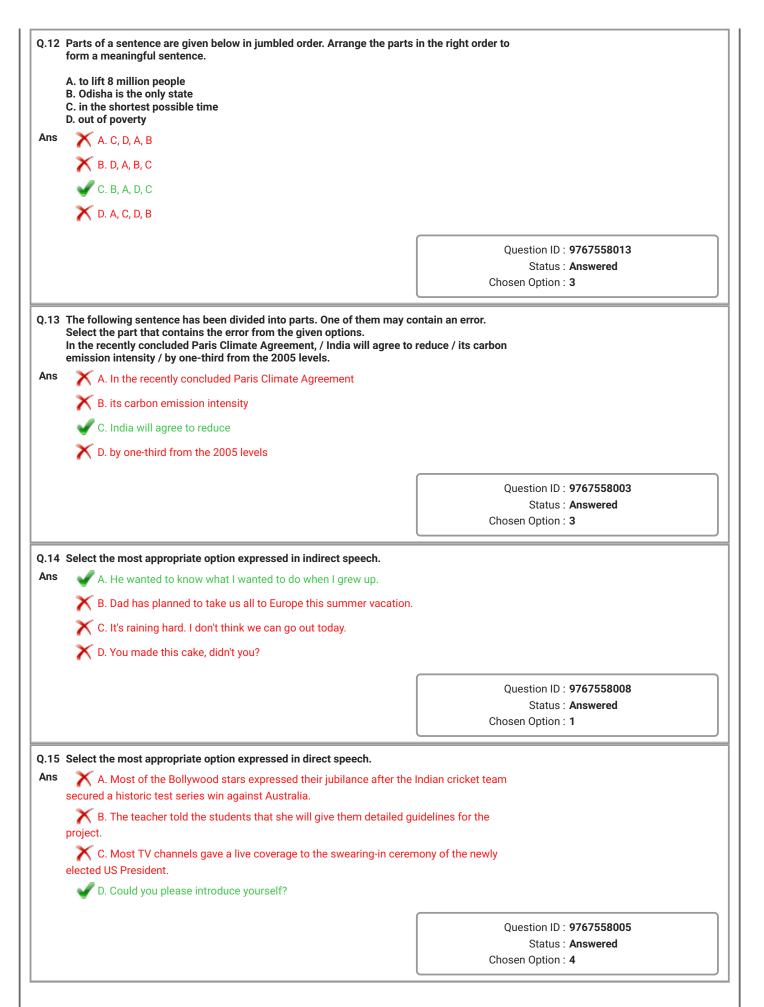
A. Addressing the nation, the President warned the people that there are some days when they will need a hand and there are other days when they will be called to lend their hand. He counselled them that this is how people help each other and move on.

B. Addressing the nation, the President said that there are some days when we need a hand and there are other days when we are called to lend a hand. He added that that is how we help each other and move on.

C. Addressing the nation, the President says to his countrymen there were some days when we needed a hand. There were other days when we were called to lend a hand. He further said that that's how we helped each other and moved on.

D. Talking to his countrymen, the President commented that there are some days when we need a hand and there are other days when we are called to lend a hand. He added that that is how help each other and move on.

Question ID: 9767558007 Status: Answered Chosen Option: 2



Q.16 The following sentences describe the process of baking a cake in a microwave. Identify the step which is NOT expressed in passive voice.

Ans

A. Place the mixture in the microwave oven for a few minutes till the cake is bouncy.

X B. The cooking time may have to be adjusted to suit the type of machine you have.

X C. This mixture is then transferred into a pre- greased baking dish.

D. To make a cake some butter, sugar, eggs, milk and flour is taken in a mixing bowl and blended till soft and creamy.

Question ID: 9767558009 Status: Answered Chosen Option: 4

Comprehension:

Read the given passage and answer the following questions.

It's hard to imagine urban India without its metro trains, the giant aluminium snakes sliding above and below the grounds of bustling metropolises, carrying in its bellies India's teeming millions. Delhi has the largest network, 389 kilometres and 285 stations. Mumbai, which will build 235 km by 2025, is close on its heels. Ten other Indian cities have metros, 15 more have it in various stages of completion. And it's clear why. An Indian city feels it has arrived only when it has a metro rail, the fastest, most economical and non-polluting mass rapid transport solution. Most of the credit for this urban engineering marvel being replicated across India goes to one engineer, E Sreedharan, popularly known as 'Metro Man'.

Sreedharan's first brush with fame was repairing the Pamban bridge in 1963, parts of which had been washed away in a cyclone. The railways estimated it would take six months to repair the sole link between mainland India and Rameshwaram. Sreedharan did it in just 46 days. A legend was born. But significant as it was, even this wasn't a turning point in his life. "I had a very ordinary, uneventful career in the Indian Railways from December 1954 to June 1990. No doubt, restoration of the Pamban bridge gave me an excellent opportunity to demonstrate my technical and organisational competence. But it wasn't a turning point in my career". What was it then? Sreedharan says it was a stirring article in Reader's Digest, which highlighted the need for 'out-of-the-box' thinking when faced with a major challenge. He was then Member (Engineering) on the Railway Board in 1990. It so happened that the senior

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Based on your reading of the passage answer the following questions by choosing the best option.

SubQuestion No: 17

Q.17 A turning point in one's life is a:

Ans

A. moment of celebration when one gets recognition

X B. developmental stage in one's life

X C. time when luck knocks at one's door

D. a time at which a decisive change in a situation occurs

Question ID: 9767558017 Status: Answered

Comprehension:

Read the given passage and answer the following questions.

It's hard to imagine urban India without its metro trains, the giant aluminium snakes sliding above and below the grounds of bustling metropolises, carrying in its bellies India's teeming millions. Delhi has the largest network, 389 kilometres and 285 stations. Mumbai, which will build 235 km by 2025, is close on its heels. Ten other Indian cities have metros, 15 more have it in various stages of completion. And it's clear why. An Indian city feels it has arrived only when it has a metro rail, the fastest, most economical and non-polluting mass rapid transport solution. Most of the credit for this urban engineering marvel being replicated across India goes to one engineer, E Sreedharan, popularly known as 'Metro Man'.

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Based on your reading of the passage answer the following questions by choosing the best option.

SubQuestion No: 18

Q.18 As per Sreedharan, he had an uneventful life in Indian Railways from ______ to

Ans

X A. December 1955; June 1990

X B. June 1954; December 1990

X C. June 1990; December 1954

D. December 1954; June 1990

Question ID: 9767558016 Status: Answered Chosen Option: 4

https://www.freshersnow.com/previous-year-question-papers/

Comprehension:

Read the given passage and answer the following questions.

It's hard to imagine urban India without its metro trains, the giant aluminium snakes sliding above and below the grounds of bustling metropolises, carrying in its bellies India's teeming millions. Delhi has the largest network, 389 kilometres and 285 stations. Mumbai, which will build 235 km by 2025, is close on its heels. Ten other Indian cities have metros, 15 more have it in various stages of completion. And it's clear why. An Indian city feels it has arrived only when it has a metro rail, the fastest, most economical and non-polluting mass rapid transport solution. Most of the credit for this urban engineering marvel being replicated across India goes to one engineer, E Sreedharan, popularly known as 'Metro Man'.

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Based on your reading of the passage answer the following questions by choosing the best option.

SubQuestion No: 19

Q.19 The greatest learning from Sreedharan's life would be:

Ans

A. to work hard to make a name for himself



X C. perfection and excellence should be one's hallmark

X D. to complete all projects in time

Question ID: 9767558018 Status: Answered

Comprehension:

Read the given passage and answer the following questions.

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Based on your reading of the passage answer the following questions by choosing the best option.

SubQuestion No: 20

Q.20 Sreedharan became famous as the Metro Man of India after:

X A. the replication of Delhi metro model in other cities of India

B. the restoration of the damaged Pamban bridge in record time

C. the construction of the Metro railway network in Delhi.

X D. the completion of the Mumbai Mangalore railway line

Question ID: 9767558019 Status: Answered

Chosen Option: 3

Section: Domain Questions

Q.1 Determine the probability that when a hand of 7 cards is drawn from a box of 52 cards, it consists atleast 3 kings?

Ans

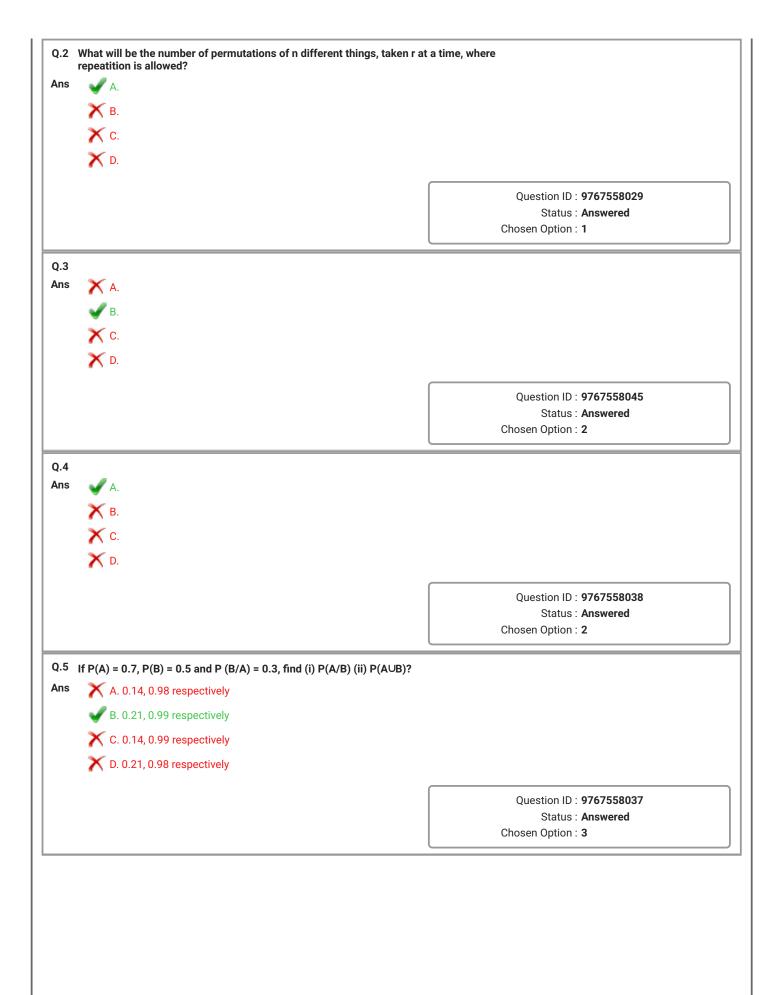


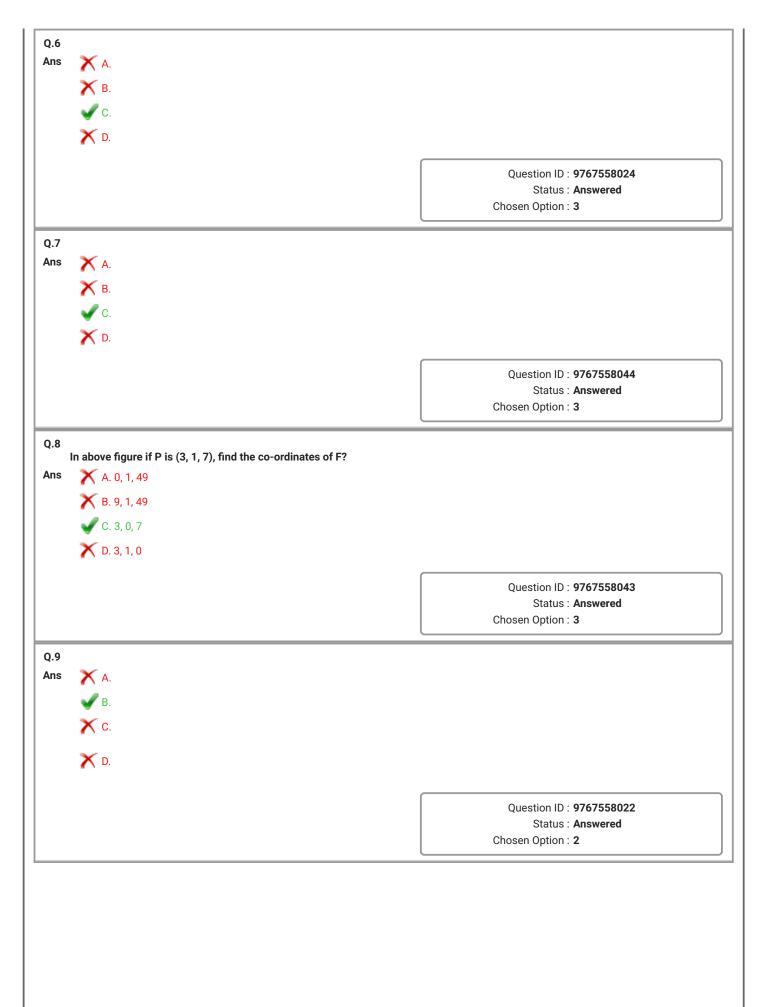




Question ID: 9767558033

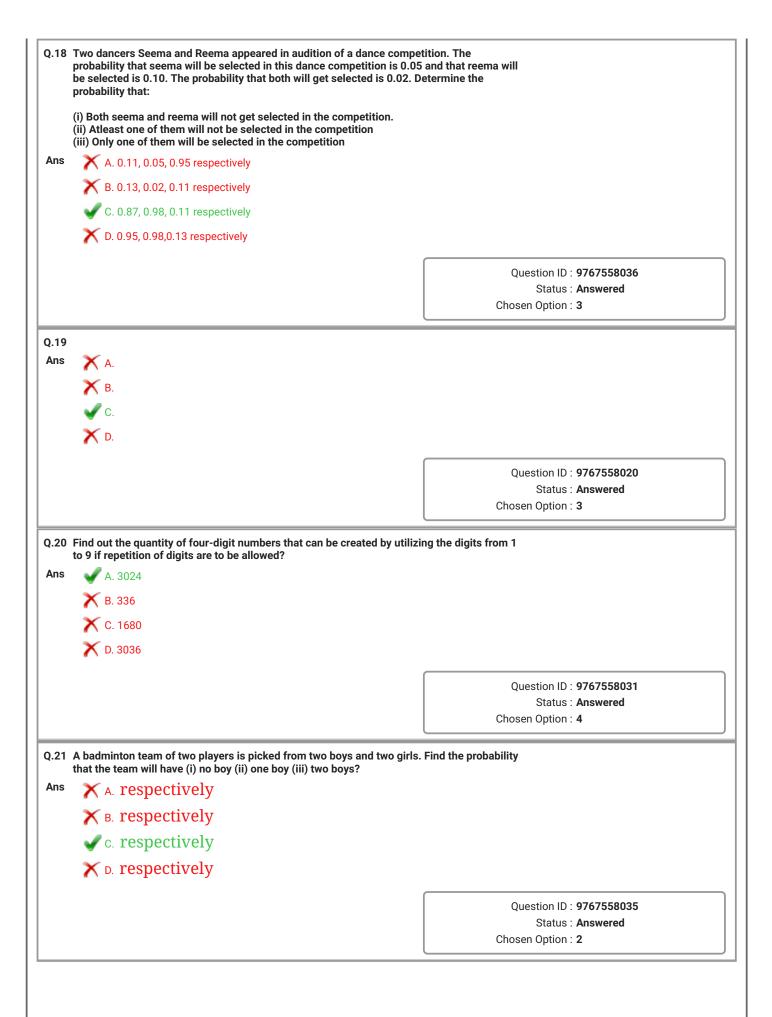
Status: Marked For Review





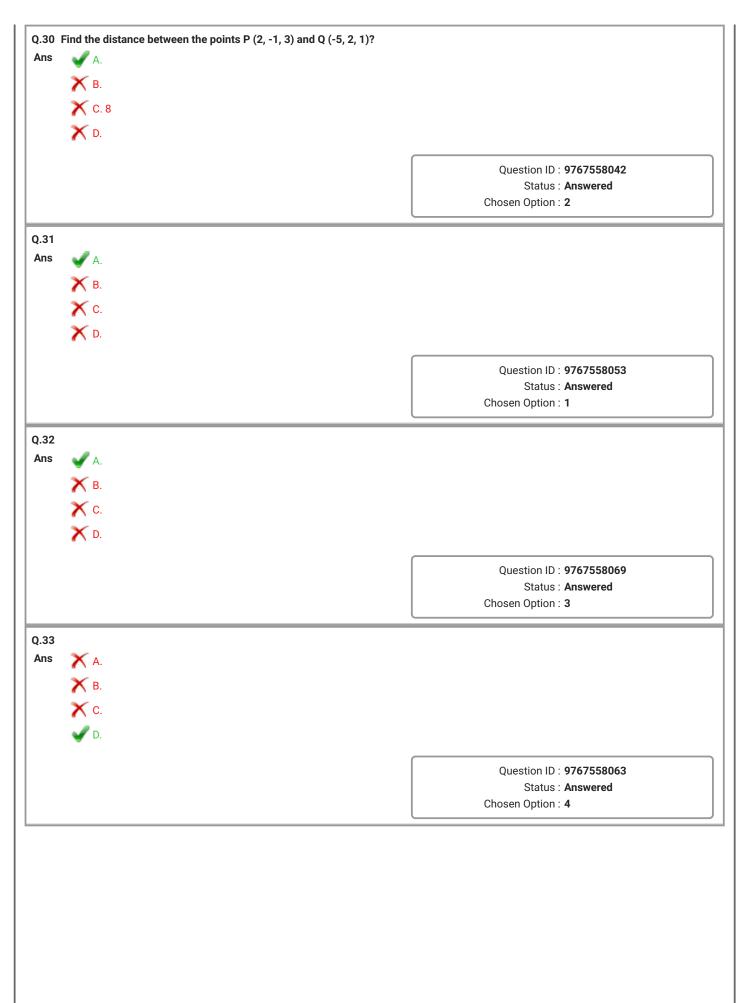
ıs	(5, 1, 6) crosses the XY- plane?	
	★ B.	
	★ c.	
	✓ D.	
		Question ID : 9767558041
		Status : Answered
		Chosen Option : 2
11		
าร	X A.	
	B. Both vectors have different magnitudes but same direction	
	★ c.	
	X D. Elements of both vectors are not proportional	
	2. Elemente di Both vectore die not proportional	
		Question ID: 9767558021
		Status : Answered
		Chosen Option : 4
	The minute hand of a watch is 2 cm long. How far does its tip move in 3.14) A. 3.14	n 45 minutes? (use π =
	3.14) A. 3.14 B. 9.42 C. 6.28	n 45 minutes? (use π =
	3.14) A. 3.14 B. 9.42	n 45 minutes? (use π =
	3.14) A. 3.14 B. 9.42 C. 6.28	n 45 minutes? (use π = Question ID : 9767558049
	3.14) A. 3.14 B. 9.42 C. 6.28	Question ID : 9767558049 Status : Answered
	3.14) A. 3.14 B. 9.42 C. 6.28	Question ID: 9767558049
.13	3.14) A. 3.14 B. 9.42 C. 6.28	Question ID : 9767558049 Status : Answered Chosen Option : 2
Ans	3.14) A. 3.14 B. 9.42 C. 6.28 D. 12.56 Find the quantity of methods of picking 4 cards from a set of 52 playing the set of 52 p	Question ID : 9767558049 Status : Answered Chosen Option : 2
.13	3.14) A. 3.14 B. 9.42 C. 6.28 D. 12.56 Find the quantity of methods of picking 4 cards from a set of 52 playare of the same unit? A. 715	Question ID : 9767558049 Status : Answered Chosen Option : 2
.13	3.14) A. 3.14 B. 9.42 C. 6.28 D. 12.56 Find the quantity of methods of picking 4 cards from a set of 52 plays are of the same unit? A. 715 B. 11440	Question ID : 9767558049 Status : Answered Chosen Option : 2
.13	3.14) A. 3.14 B. 9.42 C. 6.28 D. 12.56 Find the quantity of methods of picking 4 cards from a set of 52 plays are of the same unit? A. 715 B. 11440 C. 2860	Question ID : 9767558049 Status : Answered Chosen Option : 2
.13	3.14) A. 3.14 B. 9.42 C. 6.28 D. 12.56 Find the quantity of methods of picking 4 cards from a set of 52 plays are of the same unit? A. 715 B. 11440	Question ID : 9767558049 Status : Answered Chosen Option : 2
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.13	3.14) A. 3.14 B. 9.42 C. 6.28 D. 12.56 Find the quantity of methods of picking 4 cards from a set of 52 plays are of the same unit? A. 715 B. 11440 C. 2860	Question ID: 9767558049 Status: Answered Chosen Option: 2 ing cards if four cards

Q.14		
Ans	X A. COS 2x COSx	
	X B. Sinx	
	✓ c. sin 3x	
	★ D. 2sin 3x	
	N sizem si	
		Question ID : 9767558047
		Status : Answered Chosen Option : 3
		олови вршии в
Q.15	A train, which is moving at the rate of 60 miles per hour, is I a uniform retardation, find this retardation, and also the dis before coming to rest?	
Ans	X A.	
	✓ B.	
	★ c.	
	X D.	
		Question ID : 9767558025 Status : Answered
		Chosen Option : 2
Q.16	A stone is thrown vertically with the velocity which would ju Two seconds later another stone is projected vertically from velocity, find when and where will they meet?	
Ans	X A.	
	X B.	
	✓ C.	
	X D.	
		Question ID : 9767558026 Status : Answered
		Chosen Option : 2
Q.17	One summer peter visits 4 villages (A, B, C and D) in a rand- that he visits (i) A before B (ii) A before B and B before C re	om order. Find the probability spectively?
Q.17	One summer peter visits 4 villages (A, B, C and D) in a rand that he visits (i) A before B (ii) A before B and B before C re	om order. Find the probability spectively?
	that he visits (i) A before B (ii) A before B and B before C re A.	om order. Find the probability spectively?
	that he visits (i) A before B (ii) A before B and B before C re A.	om order. Find the probability spectively?
	that he visits (i) A before B (ii) A before B and B before C re A.	om order. Find the probability spectively?
	that he visits (i) A before B (ii) A before B and B before C re	om order. Find the probability spectively?
	that he visits (i) A before B (ii) A before B and B before C re A.	om order. Find the probability spectively? Question ID: 9767558034
	that he visits (i) A before B (ii) A before B and B before C re A.	Question ID : 9767558034 Status : Answered
	that he visits (i) A before B (ii) A before B and B before C re A.	Question ID : 9767558034



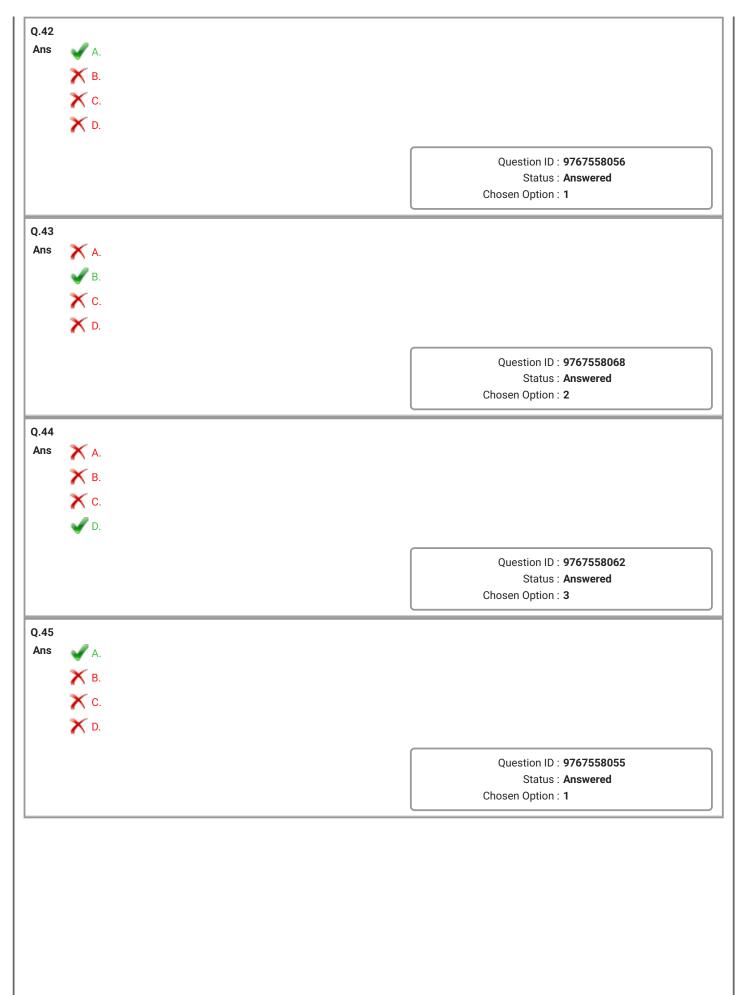
Q.22		
Ans	X A. 1.5	
	X B.	
	X B. X C.	
	✓ D. 1	
		Question ID : 9767558023 Status : Answered
		Chosen Option : 4
Q.23	Determine the angle between the two planes 2x + y - 2z = 3 and 3x	x - 6y - 2z = 9 using
Ans	vector method? A.	
	X B. X C.	
	✓ D.	
	• 5.	
		Question ID : 9767558039
		Status : Answered Chosen Option : 4
Q.24	~	
Ans	X A.	
	✔ B. 1	
	★ c. ★ D. 0	
	X D. 0	
		Question ID : 9767558048
		Status : Answered
		Chosen Option : 2
	Two trains travelling in the same direction at 80 and 44 kmph com	
Ans	in 1 minute. If the length of the first train is 375 m, what is the length of A. 225 m	gth of the second train?
Allo	•	
	X B. 2325 m	
	X C. 215 m	
	X D. 205 m	
		Question ID: 9767558027
		Status : Answered
		Chosen Option : 1

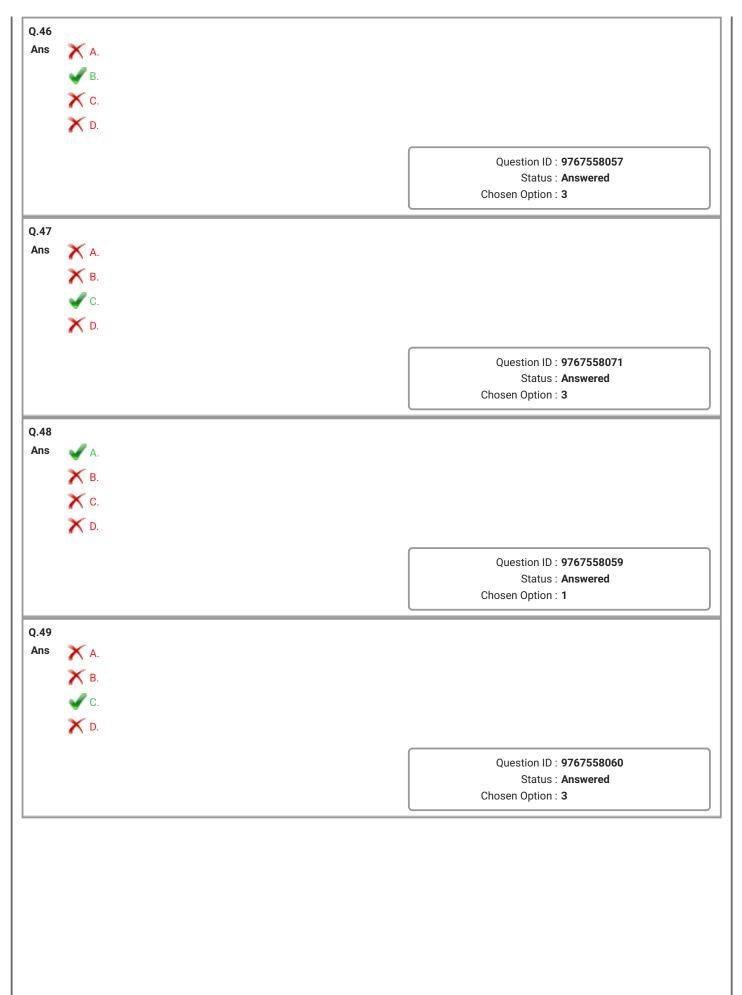
26 ns	Which of the following is TRUE for "complementary eve X A. The set A-B	ent or not event ?	
1113	B. C. The set A' or S-A		
	X D.		
		Question ID : 9767558032	
		Status : Answered	
		Chosen Option : 3	
Q.27			
Ans	X A. Secx		
	X B. cotx		
	X c. cscx		
	✓ D. tanx		
	-		
		Question ID : 9767558046 Status : Answered	
		Chosen Option : 4	
	Which of the following is NOT a known factor to unique		
Ans	A. The equation of a plane lying in extraordinary for		
	B. It passes through three given non collinear poir		
	C. The normal to the plane and its distance from t		
	D. It passes through a point and is perpendicular t	to a given direction.	
		Question ID : 9767558040	
		Status: Answered	
		Chosen Option : 3	
	Find the quantity of arrangements of the letters of the valvays occur together?	vord INDEPENDENCE if all the vowels	
Ans	✓ A. 16800		
	X B. 16400		
	× C. 12600		
	X D. 138600		
		Question ID: 9767558030	
		Status : Answered Chosen Option : 1	

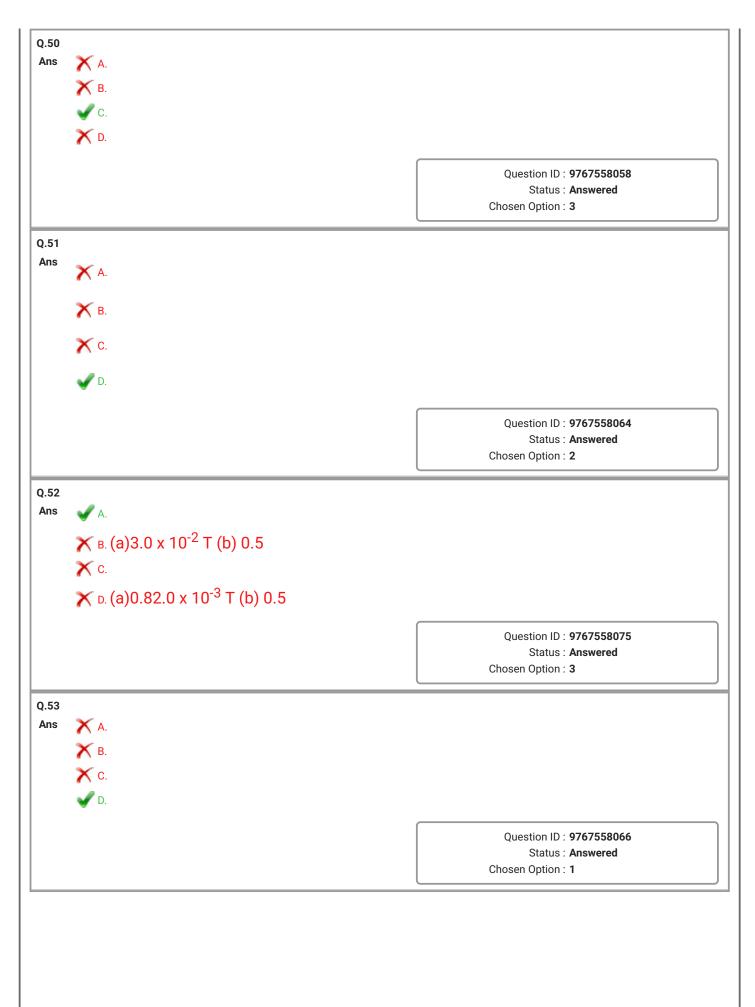


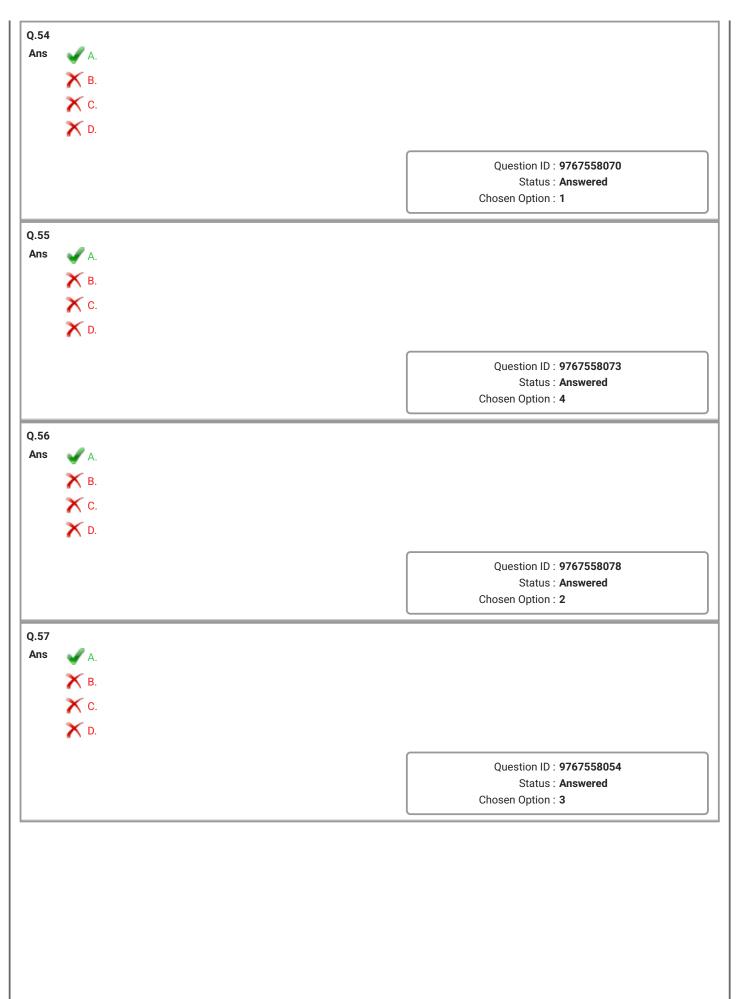
Ans	★ A.✓ B.★ C.★ D.		
		Question ID : 9767558061 Status : Answered Chosen Option : 3	
).35 Ans	X A.✓ B.X C.X D.		
		Question ID : 9767558077 Status : Answered Chosen Option : 2	
Q.36 Ans	✗ A.✗ B.✗ C.✓ D.		
		Question ID : 9767558072 Status : Answered Chosen Option : 4	
).37 Ans	X A.✓ B.X C.X D.		
		Question ID: 9767558067 Status: Answered Chosen Option: 3	

Q.38		
Ans	X A.	
	⋠ B.	
	✓ B.★ C.	
	★ D.	
	•	
		Question ID : 9767558052
		Status : Answered Chosen Option : 2
		Cheschi option. 2
Q.39		
Ans	X A.	
	★ B.	
	✓ C.	
	✗ B.✓ C.✗ D.	
		Question ID : 9767558076
		Status : Answered
		Chosen Option : 3
Q.40		
Ans	X A.	
	✗ B.✓ C.	
	X D.	
		Question ID : 9767558050
		Status : Answered Chosen Option : 2
		Chosen Option . 2
Q.41	A galvanometer coil has a resistance of 14 Ω and the metre shows full s	cale deflection for a
	current of 4 mA. How will you convert the metre into a voltmeter of rang	e 0 to 16 V?
Ans	X A.	
	★ B. ★ C.	
	✓ D.	
		Question ID : 9767558074 Status : Answered
		Chosen Option : 4









Q.58					
Ans	X A.				
	✓ B.				
	X c. X D.				
	X D.				
		Question ID : 9767558065			
		Status : Answered Chosen Option : 2			
		Chosen Option . 2			
Q.59	Q.59 Assume a parallel plate capacitor which is maintained at potential of 100 V. If the partition				
	distance between the plates of the capacitor and area of the plates are 5 mm and 25 cm ² respectively. Compute the displacement current for the time in µs?				
Ans	X A.				
	X B.				
	★ c.				
	✓ D.				
		Question ID : 9767558051			
		Status : Answered			
		Chosen Option : 3			
Q.60	Q.60 A copper block of mass 3 kg is heated in a furnace to a temperature of 450 °C and then placed on a large ice block. Find the maximum amount of ice that can melt? (specific heat of copper = 0.39 Jg ⁻¹ K ⁻¹ , heat of fusion of water = 335 Jg ⁻¹ K ⁻¹)				
Ans	✓ A.				
	X B.				
	★ c.				
	X D.				
		Question ID : 9767558079			
		Status : Answered			
		Chosen Option : 1			