

# 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

× Δ Zinc

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')?

Δno

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

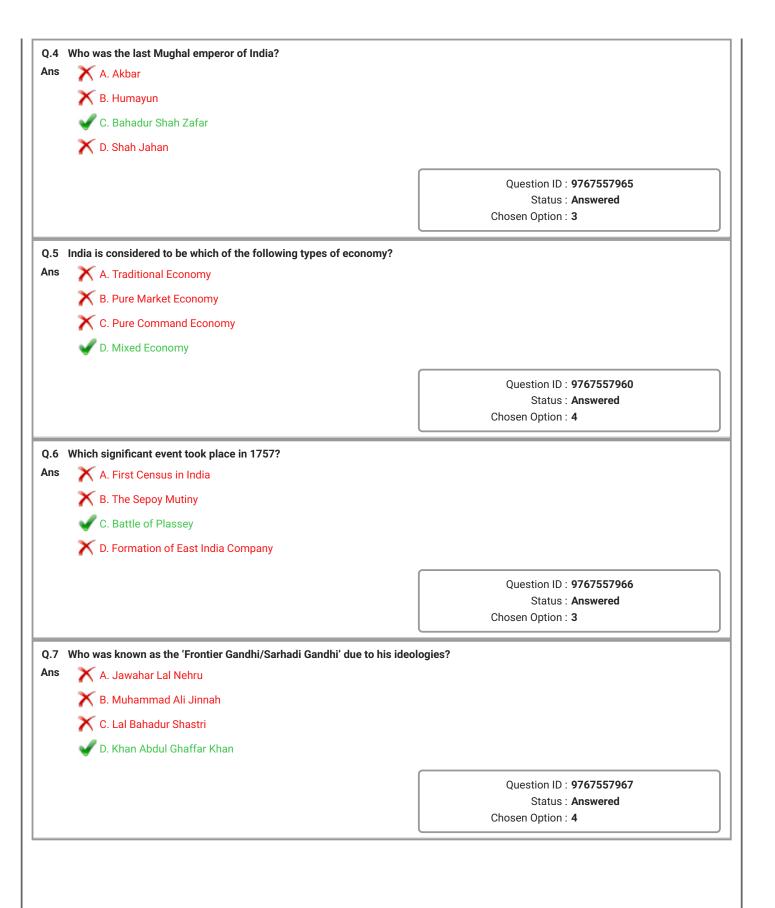
X B. Sachin Tendulkar

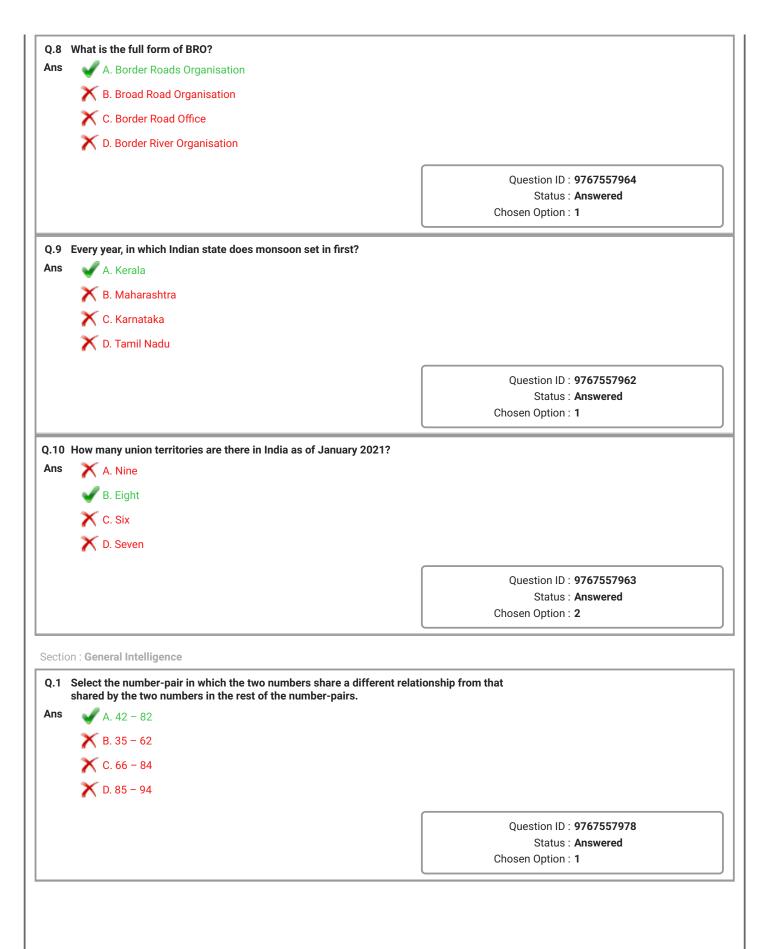
C. Major Dhyan Chand

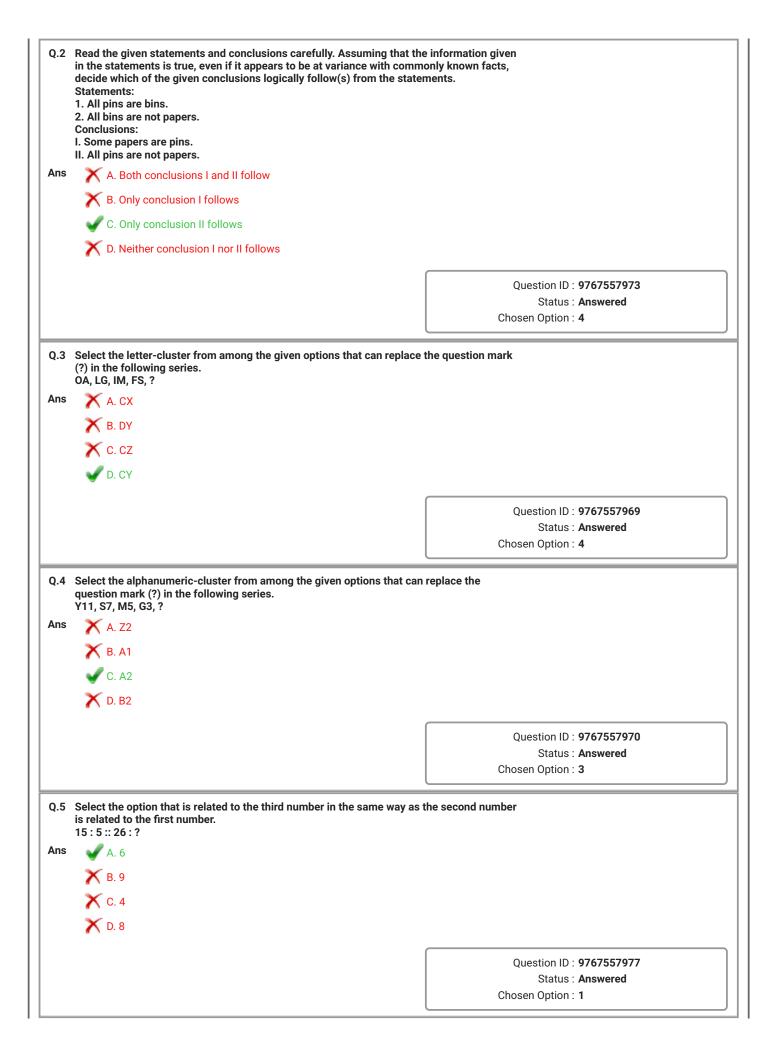
X D. Milkha Singh

Question ID: 9767557968

Status: Answered





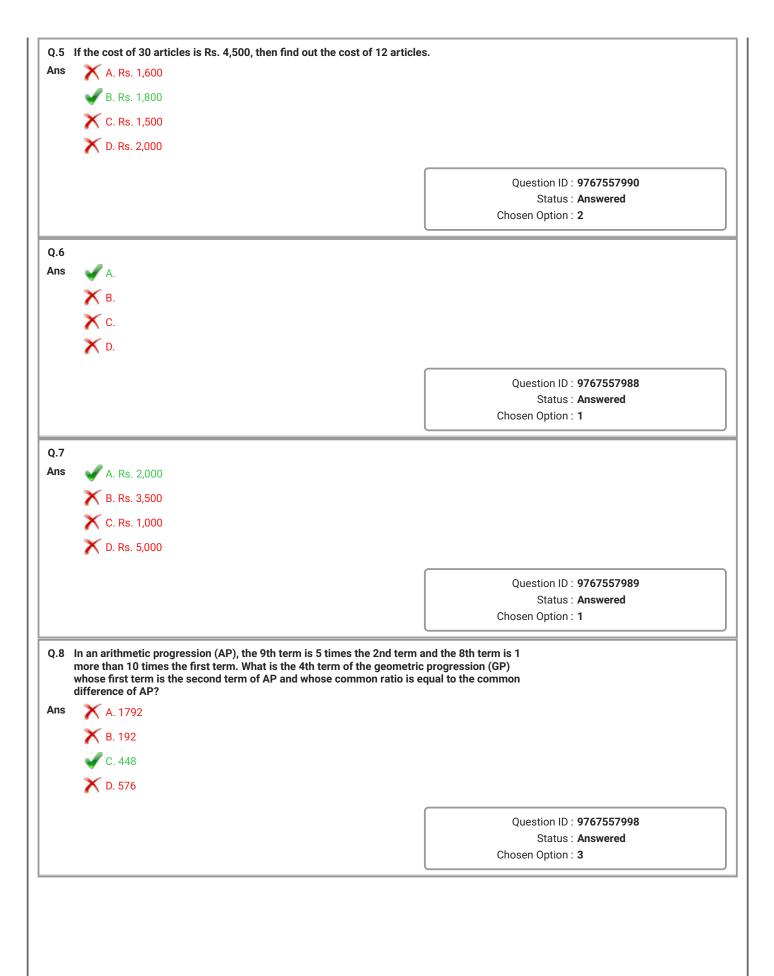


Q.6 Select the correct option that indicates the arrangements of the given words in a logical and meaningful order. 1. Nucleus 2. Molecule 3. Atom 4. Proton 5. Compound Ans X A. 4, 1, 3, 5, 2 X B. 5, 3, 2, 4, 1 C. 5, 2, 3, 4, 1 D. 4, 1, 3, 2, 5 Question ID: 9767557975 Status: Answered Chosen Option: 4 Q.7 Select the option in which the letter-clusters share the same relationship as that shared by the given pair of letter-clusters. GI: VC Ans A. HY: WS X B. AC : OW C. CY : DB X 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 arguments is/are valid with 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 educational videos on YouTube, articles addressing current events that impact their lives, and online tests or quizzes required in their coursework. (II): No, it's a waste of time. Ans X A. Neither argument (I) nor argument (II) is valid B. Only argument (I) is valid X C. Only argument (II) is valid X D. Both arguments (I) and (II) are valid Question ID: 9767557974 Status: Answered Chosen Option: 2

Q.9	Select the correct water image of the given figure.	
Ans	<b>X</b> A.	
	<b>X</b> B.	
	<b>X</b> c.	
	<b>✓</b> D.	
		Question ID : 9767557983 Status : Answered
		Chosen Option : 4
Q.10	In a certain code language, 'Tudo Bem' is written as 'All Fine', 'Como Esta' You', and 'Bem Como' is written as 'Fine You'. How will 'Tudo Esta' be wr language?	
Ans	X A. All You	
	X B. All Fine	
	C. All How	
	X D. How Fine	
		Ougation ID : 0767557072
		Question ID : 9767557972 Status : Answered
		Chosen Option : 3
Q.11	Two different positions of the same dice are shown. Select the letter that opposite to the face having the letter T?	t will be on the face
Ans	🔀 A. Q	
	<b>X</b> B. R	
	<b>✓</b> C. P	
	<b>X</b> D. U	
		Ouestion ID : 9767557982
		Status : Answered
		Chosen Option : 3
Q.12	Select the option in which the numbers are related in the same way as at the following set. (18, 6, 36)	re the numbers of
Ans	X A. (30, 15, 60)	
	X B. (40, 10, 80)	
	C. (24, 8, 48)	
	D. (25, 5, 50)	
		Question ID : 9767557979
		Status : <b>Answered</b> Chosen Option : <b>3</b>
		Giloseii Optioii . 3

Q.13	Select the option that is related to the third figure in the same way as the related to the first figure.	e second figure is
Ans	<b>~</b> .	
Allo	<b>X</b> A.	
	<ul><li>✓ B.</li><li>✓ C.</li></ul>	
	<b>X</b> D.	
		Question ID: 9767557981
		Status : <b>Answered</b>
		Chosen Option : 4
0.14	Select the number from among the given options that can replace the qu	uestion mark (?) in
4	the following series. 100, 120, 145, 180, 235, ?	
Ans	X A. 325	
	X B. 335	
	X C. 315	
	✓ D. 330	
		0 11 10 0767777076
		Question ID : 9767557976 Status : Answered
		Chosen Option : <b>4</b>
Q.15	Select the figure from among the given options that can replace the que following series.	stion mark (?) in the
Ans	<b>X</b> A.	
	<b>★</b> B.	
	<b>★</b> c.	
	<b>✓</b> D.	
		Question ID : 9767557980
		Status : <b>Answered</b> Chosen Option : <b>4</b>
Section	on : General Aptitude	
	•	

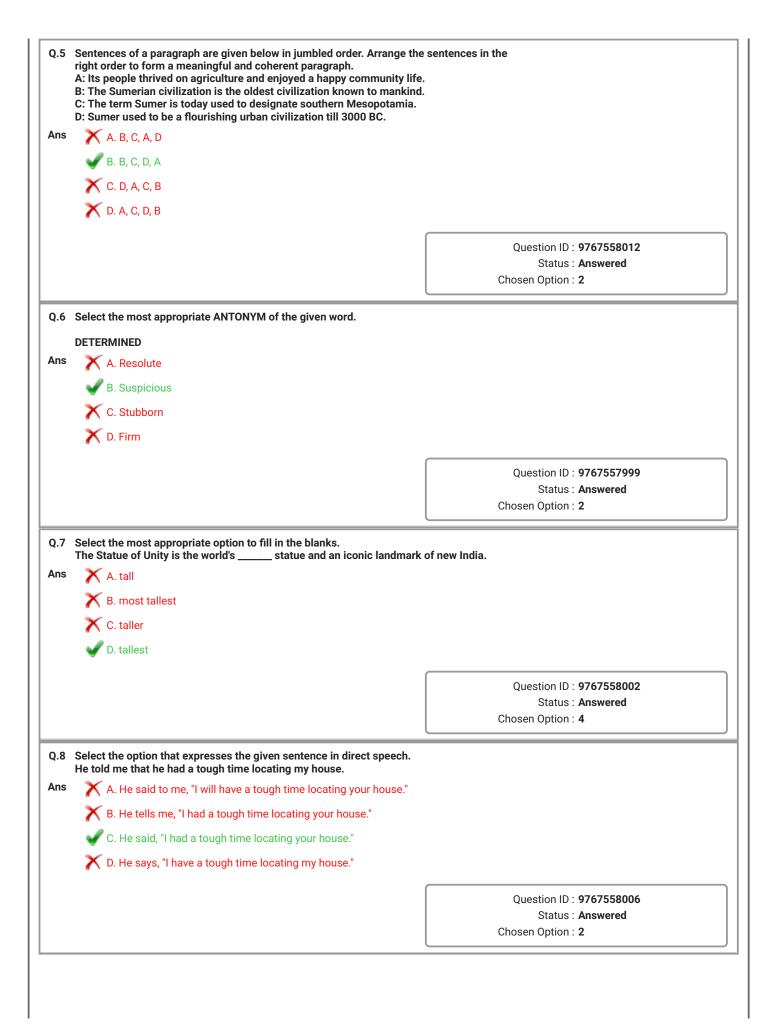
Q.1	Q.1 The average rate of three stationery items A, B and C is Rs. 80. If the average price of A and B is Rs. 77.5 and that of B and C Rs. 87.5, then the price of B is:		
Ans	ns		
	X B. Rs.65		
	X C. Rs. 85		
	X D. Rs. 75		
		Out this ID 10777557004	
		Question ID: 9767557994 Status: Answered	
		Chosen Option : 1	
	Aman purchased 4 pens, 5 pencils and 8 scales for Rs. 120. Had Aman pencils and 11 scales, he would have to pay Rs. 192. Pankaj demanded and 2 scales. If Aman purchased only what was demanded by Pankaj, the have paid?	2 pens, 2 pencils	
Ans	X A. Rs. 32		
	<b>✓</b> B. Rs. 48		
	<b>★</b> C. Rs. 38		
	X D. Rs. 42		
		Question ID: 9767557997 Status: Answered	
		Chosen Option : 2	
	<ul><li>✓ A.</li><li>X B.</li><li>X C.</li><li>X D.</li></ul>		
		Question ID: 9767557985	
		Status : <b>Answered</b>	
		Chosen Option : 1	
Q.4	The outer and inner radius of a hemispherical bowl are 40 cm and 35 cm the total surface area of the bowl.	n respectively. Find	
Ans	Χ Α. 6125 π		
	Χ Β. 5055 π		
	<b>√</b> C. 6025 π		
	<b>Σ</b> D. 5255 π		
		Question ID : 9767557996	
		Status: Answered	
		Chosen Option : 3	



Q.9	9 Raj and Rajat can finish a piece of work in 30 days and 40 days respectively. Raj started the work alone. After how many days should Rajat join him so that the work is finished in 24 days?	
Ans	X A. 14 days	
	X B. 10 days	
	X C. 12 days	
	✓ D. 16 days	
		Question ID : 9767557992
		Status : <b>Answered</b> Chosen Option : <b>4</b>
		chosen option: 1
Q.10	By selling a fan for Rs 3,540, a shopkeeper gains 18 percent. Find the profit is reduced to 12 percent.	e selling price when the
Ans	X A. Rs. 2,900	
	<b>✓</b> B. Rs. 3,360	
	C. Rs. 2,640	
	X D. Rs. 3,000	
		Question ID : 9767557993 Status : Answered
		Chosen Option : 2
Q.11		
Ans	<b>X</b> A.	
	<b>★</b> B. <b>★</b> C.	
	<b>X</b> c.	
	<b>✓</b> D.	
		0 11 15 121
		Question ID : 9767557987 Status : Answered
		Chosen Option : <b>4</b>
Q.12	<b>★</b> B. 38	
	<b>X</b> C. 42	
	X D. 36	
		Question ID : 9767557991
		Status : Answered
		Chosen Option : 1

Q.13	Q.13 There is 30 percent increase in an amount in 3 years at x percent rate of simple interest.  Find the compound interest on Rs. 30,000 after 4 years at the same rate.		
Ans	X A. Rs. 9,930		
	X B. Rs. 13,293		
	X C. Rs. 11,980		
	✓ D. Rs. 13,923		
		Question ID : <b>9767557995</b> Status : <b>Answered</b>	
		Chosen Option : 4	
Q.14	What is the product of the smallest 8 whole numbers?		
Ans			
	<b>№</b> B. 5040		
	<b>X</b> 0.1		
	✓ D. 0		
	•		
		Question ID : 9767557984 Status : Answered	
		Chosen Option : 4	
Q.15			
Ans			
	<b>★</b> B. <b>★</b> C.		
	<b>✓</b> D.		
		Question ID: 9767557986	
		Status : Answered	
		Chosen Option : 4	
Section	on : <b>General English</b>		
Q.1	Select the most appropriate option to fill in the blanks.  There was a time when Hyderabad was the only city we can see a huge talent pan India.	badminton players, but now	
Ans			
	X B. produce; crop up		
	C. producing; cropping up		
	D. produced; cropping from		
		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	
	X D. Talkative	
		Ouestion ID : 9767558000
		Status : Answered
		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.  A. Dr.Trehan says	
	B. when he is watching much of his patients	
	C. he felt an overwhelming sense of helplessness	
	X D. die of heart disease	
		Question ID : <b>9767558004</b>
		Status : <b>Answered</b> Chosen Option : <b>2</b>
		Chosen option . 2
Q.4	4 Sentences of a paragraph are given below. While the first and the last sentences are in the correct order, the sentences in between are jumbled up. Arrange the sentences A, B, C and D in the correct order to form a meaningful and coherent paragraph.  \$ 1: Oceans cover three-quarters of the Earth's surface.  \$ 2:	
		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 B. Hydrophilia

C. Hydroponics

X D. hydrophonically

Question ID : 9767558014 Status : Answered

Chosen Option: 3

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

Δns

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

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

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

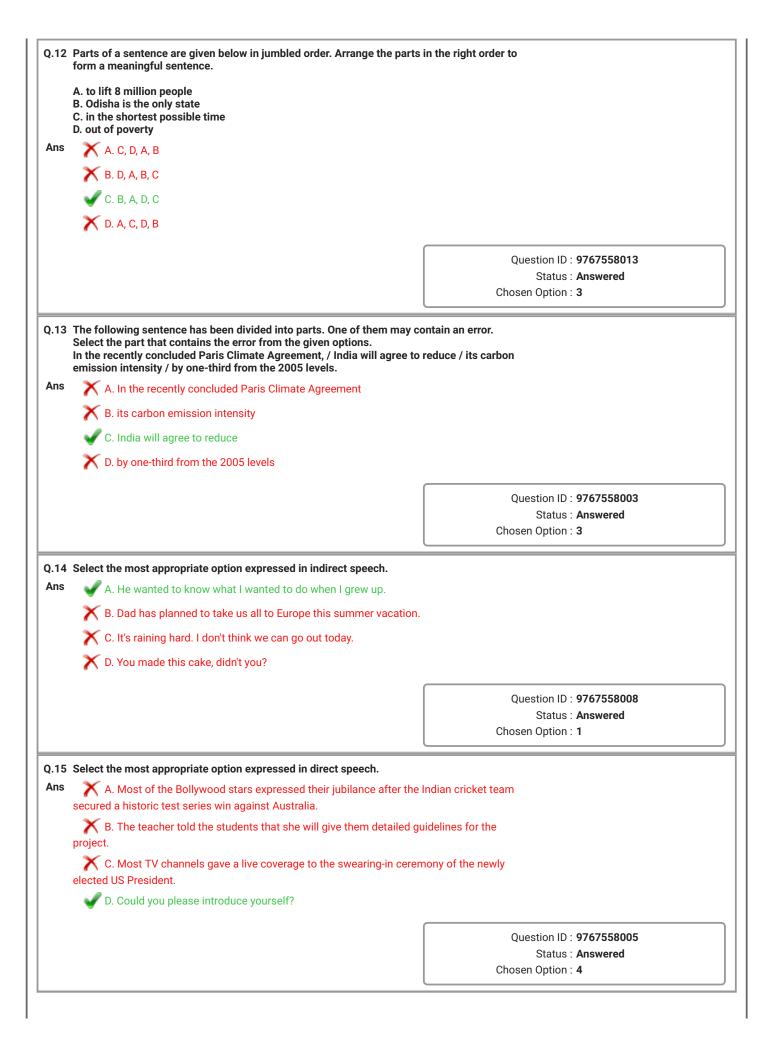
A. Addressing the nation, the President warned the people that there are some days when they will need a hand and there are other days when they will be called to lend their hand. He counselled them that this is how people help each other and move on.

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



# 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 railway engineer, in what seemed like the last phase of his career, was facing what appeared to be an insurmountable challenge. Railways minister George Fernandes had mentioned his dream project, a Mumbai to Mangalore railway line that would complete India's last great

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

SubQuestion No: 17

missing rail link.

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

Ans

X A. moment of celebration when one gets recognition

X B. developmental stage in one's life

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

#### 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.

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: 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

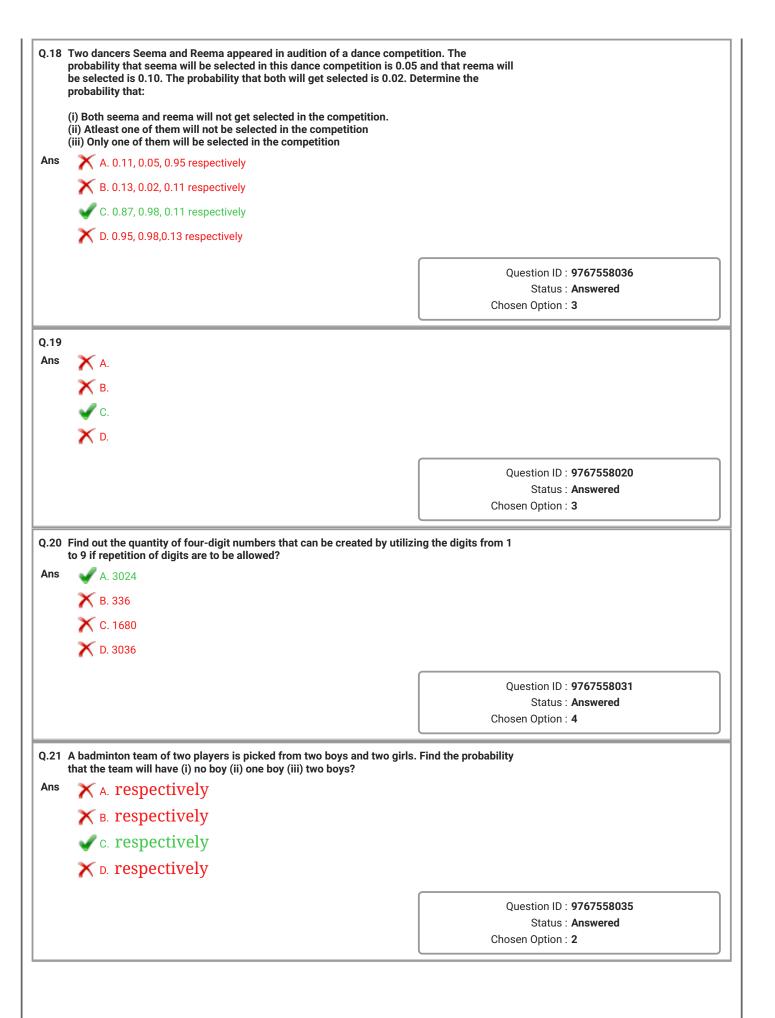
Status: Marked For Review

S	<ul><li>✓ A.</li><li>➤ B.</li></ul>		
	<b>★</b> c.		
	<b>X</b> D.		
	••		
		Question ID : 9767558029	
		Status : <b>Answered</b> Chosen Option : <b>1</b>	
2.3			
ıns	<b>X</b> A.		
	<b>✓</b> B.		
	<b>X</b> c. <b>X</b> D.		
	<b>X</b> D.		
		Question ID : 9767558045	
		Status : Answered	
		Chosen Option : 2	
Q.4			
Q. <del>4</del> Ans	<b>✓</b> A.		
	<ul><li>✗ B.</li><li>✗ C.</li><li>✗ D.</li></ul>		
	× 0.		
	V D.		
		Question ID : 9767558038	
		Status : <b>Answered</b> Chosen Option : <b>2</b>	
		Chosch Option: 2	
Q.5	If $P(A) = 0.7$ , $P(B) = 0.5$ and $P(B/A) = 0.3$ , find (i) $P(A/B)$ (ii) $P(A \cup B)$ ?		
Ins	X A. 0.14, 0.98 respectively		
	✓ B. 0.21, 0.99 respectively		
	C. 0.14, 0.99 respectively		
	X D. 0.21, 0.98 respectively		
		Question ID : 9767558037	
		Status : <b>Answered</b> Chosen Option : <b>3</b>	

Q.6		
Ans	<ul><li>X A.</li><li>X B.</li><li>✓ C.</li><li>X D.</li></ul>	
	<b>X</b> B.	
	<b>✓</b> c.	
	X D.	
		0 11 12 27/77
		Question ID : 9767558024 Status : Answered
		Chosen Option : 3
0.7		
Q.7 Ans	<b>X</b> A.	
	<b>X</b> B	
	<b>★</b> B. <b>✓</b> C.	
	<b>▼</b> D.	
	<b>√</b> υ.	
		Question ID : 9767558044
		Status : Answered
		Chosen Option : 3
Q.8		
Ans	In above figure if P is (3, 1, 7), find the co-ordinates of F?  A. 0, 1, 49	
Allo	A. U, 1, 49	
	X B. 9, 1, 49	
	<ul><li>➤ B. 9, 1, 49</li><li>✓ C. 3, 0, 7</li></ul>	
	X B. 9, 1, 49	
	<ul><li>➤ B. 9, 1, 49</li><li>✓ C. 3, 0, 7</li></ul>	Question ID: <b>9767558043</b>
	<ul><li>➤ B. 9, 1, 49</li><li>✓ C. 3, 0, 7</li></ul>	Status : Answered
	<ul><li>➤ B. 9, 1, 49</li><li>✓ C. 3, 0, 7</li></ul>	I I
Q.9	<ul><li>➤ B. 9, 1, 49</li><li>✓ C. 3, 0, 7</li><li>➤ D. 3, 1, 0</li></ul>	Status : Answered
Q.9 Ans	<ul><li>➤ B. 9, 1, 49</li><li>✓ C. 3, 0, 7</li><li>➤ D. 3, 1, 0</li></ul>	Status : <b>Answered</b>
	<ul><li>➤ B. 9, 1, 49</li><li>✓ C. 3, 0, 7</li><li>➤ D. 3, 1, 0</li></ul>	Status : <b>Answered</b>
	<ul><li>➤ B. 9, 1, 49</li><li>✓ C. 3, 0, 7</li><li>➤ D. 3, 1, 0</li></ul>	Status : Answered
	<ul><li>➤ B. 9, 1, 49</li><li>✓ C. 3, 0, 7</li><li>➤ D. 3, 1, 0</li></ul>	Status : Answered
	<ul><li>➤ B. 9, 1, 49</li><li>✓ C. 3, 0, 7</li></ul>	Status : Answered
	<ul><li>➤ B. 9, 1, 49</li><li>✓ C. 3, 0, 7</li><li>➤ D. 3, 1, 0</li></ul>	Status : Answered Chosen Option : 3
	<ul><li>➤ B. 9, 1, 49</li><li>✓ C. 3, 0, 7</li><li>➤ D. 3, 1, 0</li></ul>	Status : Answered Chosen Option : 3  Question ID : 9767558022
	<ul><li>➤ B. 9, 1, 49</li><li>✓ C. 3, 0, 7</li><li>➤ D. 3, 1, 0</li></ul>	Status : Answered Chosen Option : 3
	<ul><li>➤ B. 9, 1, 49</li><li>✓ C. 3, 0, 7</li><li>➤ D. 3, 1, 0</li></ul>	Status : Answered Chosen Option : 3  Question ID : 9767558022 Status : Answered

Q.10	Q.10 Determine the co-ordinates of the point where the line through the points A (2, 3, 2) and B (5, 1, 6) crosses the XY- plane?		
Ans			
	<b>X</b> B.		
	<b>★</b> c.		
	<b>✓</b> D.		
		Question ID : 9767558041 Status : Answered	
		Chosen Option : 2	
0.11			
Q.11 Ans	<b>X</b> A.		
	B. Both vectors have different magnitudes but same direction		
	C.		
	D. Elements of both vectors are not proportional		
	B. Elements of both vectors are not proportional		
		Question ID : 9767558021	
		Status : <b>Answered</b> Chosen Option : <b>4</b>	
	The minute hand of a watch is 2 cm long. How far does its tip move in 4 3.14)	5 minutes? (use π =	
Ans	X A. 3.14		
	B. 9.42		
	X C. 6.28		
	X D. 12.56		
		Question ID: 9767558049	
		Status : Answered	
		Chosen Option : 2	
Q.13	Find the quantity of methods of picking 4 cards from a set of 52 playing are of the same unit?	cards if four cards	
Ans	X A. 715		
	X B. 11440		
	<b>✓</b> C. 2860		
	X D. 5720		
		0 11 10 277777	
		Question ID: 9767558028 Status: Answered	
		Chosen Option : 1	

Q.14		
Ans	X A. cos 2x cosx	
	<b>X</b> B. sinx	
	✓ c. sin 3x	
	<b>★</b> D. 2sin 3x	
		Question ID: 9767558047
		Status : <b>Answered</b> Chosen Option : <b>3</b>
		Siloson spinon s
Q.15	A train, which is moving at the rate of 60 miles per hour, is brought to rea a uniform retardation, find this retardation, and also the distance that the before coming to rest?	
Ans	<b>X</b> A.	
	<b>✓</b> B.	
	<b>X</b> c.	
	<b>X</b> D.	
		Question ID : 9767558025 Status : Answered
		Chosen Option : 2
Q.16 Ans	A stone is thrown vertically with the velocity which would just carry it to Two seconds later another stone is projected vertically from the same p velocity, find when and where will they meet?  A.	
	<b>X</b> B.	
	<b>✓</b> c.	
	<b>X</b> D.	
		Question ID: <b>9767558026</b>
		Status : <b>Answered</b> Chosen Option : <b>2</b>
		GHOSEH OPHOLI. 2
Q.17	One summer peter visits 4 villages (A, B, C and D) in a random order. Fin that he visits (i) A before B (ii) A before B and B before C respectively?	d the probability
Ans	<b>✓</b> A.	
	<b>X</b> B.	
	<b>X</b> c.	
	<b>X</b> D.	
		0 10 .074755004
		Question ID : 9767558034 Status : Answered
		Chosen Option : 4



Q.22	27	
Ans	X A. 1.5	
	<b>X</b> B. <b>→</b>	
	<b>★</b> c.	
	<b>✓</b> D. 1	
		Question ID : 9767558023
		Status : <b>Answered</b> Chosen Option : <b>4</b>
		Gridden option: 4
Q.23	Determine the angle between the two planes $2x + y - 2z = 3$ and $3x - 6y$ vector method?	– 2z = 9 using
Ans	<b>X</b> A.	
	<b>X</b> B.	
	<b>X</b> c.	
	<b>✓</b> D.	
		Question ID : 9767558039
		Status : Answered
		Chosen Option : 4
Q.24		
Ans	<b>X</b> A.	
	<b>✓</b> B. 1	
	<b>X</b> c.	
	X D. 0	
		Question ID : 9767558048
		Status : Answered
		Chosen Option : 2
Q.25	Two trains travelling in the same direction at 80 and 44 kmph completel in 1 minute. If the length of the first train is 375 m, what is the length of	y pass off another the second train?
Ans	<b>√</b> A. 225 m	
	X B. 2325 m	
	X C. 215 m	
	X D. 205 m	
		Question ID : 9767558027
		Status : <b>Answered</b>
		Chosen Option : 1

Q.26	Which of the following is TRUE for "complementary event or 'not event"	?
Ans	A. The set A-B	
	<b>★</b> B.	
	C. The set A' or S-A	
	<b>★</b> D.	
		Question ID : <b>9767558032</b>
		Status : Answered
		Chosen Option : 3
Q.27		
Ans	X A. secx	
	X B. cotx	
	X c. cscx	
	✓ D. tanx	
		Question ID : 9767558046
		Status : <b>Answered</b>
		Chosen Option : 4
Q.28	Which of the following is NOT a known factor to uniquely determine a pl	ane?
Ans	A. The equation of a plane lying in extraordinary form	
	X B. It passes through three given non collinear points	
	C. The normal to the plane and its distance from the origin is giver	
	X D. It passes through a point and is perpendicular to a given direction	on.
		Question ID : <b>9767558040</b>
		Status : Answered
		Chosen Option : 3
Q.29	Find the quantity of arrangements of the letters of the word INDEPENDE always occur together?	NCE if all the vowels
Ans	✓ A. 16800	
	X B. 16400	
	X C. 12600	
	X D. 138600	
		Question ID : <b>9767558030</b>
		Status : <b>Answered</b>
		Chosen Option : 1

11	<ul><li>★ B.</li><li>★ C. 8</li><li>★ D.</li></ul>	Outstian ID : 07/77579242
31	<b>X</b> D.	Out at in 10 : 07/7F50040
31	<b>N</b> 0.	Outsetion ID : 07/7759040
		Ougation ID : 07/7550040
		Question ID: 9767558042
		Status : <b>Answered</b> Chosen Option : <b>2</b>
31 ns (		Chosen Option . 2
	<b>✓</b> A.	
7	<b>X</b> B. <b>X</b> C.	
7	<b>X</b> c.	
7	🗙 D.	
		Out at the 15 and 7 and 7
		Question ID : 9767558053 Status : Answered
		Chosen Option : 1
32 ns (	✓ A.	
	▼ A.	
	<ul><li>✗ B.</li><li>✗ C.</li><li>✗ D.</li></ul>	
	<b>∼</b> c.	
•	<b>D</b> .	
		Question ID : 9767558069
		Status : Answered
		Chosen Option : 3
33		
ns	<b>X</b> A.	
7	<b>X</b> B.	
7	<b>X</b> c.	
	<ul><li>X B.</li><li>X C.</li><li>✓ D.</li></ul>	
		Question ID : 9767558063 Status : Answered
		Chosen Option : 4

	A stream of water flowing horizontally with a speed of 20 m/s pushes of sectional area 10 <sup>-1</sup> m <sup>2</sup> and hits at a vertical wall nearby. Find the force by the impact of water, assuming that it does not rebound?	out of a tube of cross- exerted on the wall
Ans	<b>X</b> A.	
	<b>✓</b> B.	
	<b>X</b> c. <b>X</b> D.	
		Question ID : 9767558061 Status : Answered
		Chosen Option: 3
Q.35		
Ans	<b>X</b> A.	
	<ul><li>✓ B.</li><li>X C.</li></ul>	
	<b>★</b> c.	
	<b>X</b> D.	
		Question ID : 9767558077
		Status : Answered
		Chosen Option : 2
Q.36		
Ans	<b>X</b> A.	
	<b>X</b> B	
	<b>★</b> B. <b>★</b> C.	
	✓ D.	
	U.	
		Question ID: <b>9767558072</b>
		Status : <b>Answered</b> Chosen Option : <b>4</b>
		Chosen Option . 4
Q.37		
Ans	<b>X</b> A.	
	<b>✓</b> B.	
	<b>X</b> c.	
	<ul><li>✓ B.</li><li>X C.</li><li>X D.</li></ul>	
		Question ID : 9767558067 Status : Answered
		Chosen Option: 3

Q.38		
Ans	<b>X</b> A.	
	<b>✓</b> B.	
	<ul><li>✓ B.</li><li>X C.</li><li>X D.</li></ul>	
	<b>★</b> D.	
		Question ID : 9767558052
		Status : Answered
		Chosen Option : 2
Q.39		
Ans	<b>★</b> A.	
	<ul><li>➤ B.</li><li>✓ C.</li><li>➤ D.</li></ul>	
	<b>✓</b> c.	
	<b>★</b> D.	
		Question ID : 9767558076
		Status : Answered
		Chosen Option : 3
Q.40		
Ans	<b>X</b> A.	
	<ul><li>★ A.</li><li>★ B.</li><li>✓ C.</li><li>★ D.</li></ul>	
	<b>√</b> C.	
	<b>X</b> D.	
		Question ID : 9767558050
		Status : <b>Answered</b> Chosen Option : <b>2</b>
		Chosen option . 2
Q.41	A galvanometer coil has a resistance of 14 $\Omega$ and the metre shows full scurrent of 4 mA. How will you convert the metre into a voltmeter of range	scale deflection for a se 0 to 16 V?
Ans	A.	,
	<b>★</b> B. <b>★</b> C.	
	<b>✓</b> D.	
		Outposting ID : 07/67/570074
		Question ID : 9767558074 Status : Answered
		Chosen Option : 4

Q.42		
Ans	<b>✓</b> A.	
	<ul><li>✗ B.</li><li>✗ C.</li><li>✗ D.</li></ul>	
	<b>X</b> c.	
	X D.	
		0 11 12 024
		Question ID : <b>9767558056</b> Status : <b>Answered</b>
		Chosen Option : 1
Q.43		
Ans	<b>X</b> A.	
	<b>✓</b> B.	
	<b>★</b> c.	
	<ul><li>X A.</li><li>✓ B.</li><li>X C.</li><li>X D.</li></ul>	
		Question ID : 9767558068
		Status : <b>Answered</b> Chosen Option : <b>2</b>
		·
Q.44	~	
Ans	<ul><li>✗ A.</li><li>✗ B.</li><li>✗ C.</li></ul>	
	<b>X</b> B.	
	<b>✓</b> D.	
		Question ID: 9767558062
		Status : <b>Answered</b>
		Chosen Option : 3
Q.45		
Ans	✓ A.	
	<ul><li>✗ B.</li><li>✗ C.</li><li>✗ D.</li></ul>	
	<b>★</b> c.	
	<b>★</b> D.	
		0 11 15 27-77-77
		Question ID : 9767558055 Status : Answered
		Chosen Option : 1

■ B.	Q.46		
✓ B.       ★ C.         ★ D.       Question ID: 9767558057         Status: Answered       Chosen Option: 3         Q.47       ★ B.         ★ C.       ★ D.         Question ID: 9767558071       Status: Answered         Chosen Option: 3       Status: Answered         Chosen Option: 1       Question ID: 9767558059         Status: Answered       Chosen Option: 1         Q.49       ★ B.         ★ C.       ★ D.         Question ID: 9767558060       Status: Answered	Ans	<b>X</b> A.	
Question ID : 9767558057 Status : Answered Chosen Option : 3  Q.47 Ans		<b>✓</b> B.	
Question ID : 9767558057 Status : Answered Chosen Option : 3  Q.47 Ans		<b>★</b> c.	
Question ID : 9767558057 Status : Answered Chosen Option : 3  Q.47 Ans		<b>★</b> D.	
Q.47 Ans			
Q.47 Ans			
Ans			
Ans			
Question ID: 9767558071 Status: Answered Chosen Option: 3  Q.48  Ans		<b>~</b> .	
Question ID: 9767558071 Status: Answered Chosen Option: 3  Q.48  Ans	Alls	A.	
Question ID: 9767558071 Status: Answered Chosen Option: 3  Q.48  Ans		В.	
Question ID: 9767558071 Status: Answered Chosen Option: 3  Q.48  Ans		<b>C</b> .	
Q.48  Ans		<b>D</b> .	
Q.48 Ans			Question ID: 9767558071
Q.48  Ans			
Ans			Chosen Option : 3
Question ID : 9767558059	Q.48		
Question ID : 9767558059	Ans	✓ A.	
Question ID : 9767558059		<b>★</b> B.	
Question ID : 9767558059		<b>★</b> c.	
Question ID : 9767558059		<b>★</b> D.	
Status : Answered Chosen Option : 1  Q.49  Ans			
Q.49 Ans			
Ans			
Ans	• • •		
<ul> <li>✗ B.</li> <li>✓ C.</li> <li>✗ D.</li> <li>Question ID: 9767558060</li> <li>Status: Answered</li> </ul>		<b>*</b> ^	
Question ID : <b>9767558060</b> Status : <b>Answered</b>	71110	A.	
Question ID: 9767558060 Status: Answered		В.	
Question ID: 9767558060 Status: Answered		<b>▽</b> C.	
Status : <b>Answered</b>		<b>D</b> .	
			Question ID : 9767558060
Chosen Option: 3			
			Chosen Option: 3

Q.50		
Ans	X A.	
	<b>X</b> B.	
	<ul><li>C.</li><li>X D.</li></ul>	
	Ъ.	
		Question ID : 9767558058 Status : Answered
		Chosen Option : 3
0.51		
Q.51 Ans	~	
	X A.	
	<b>★</b> B.	
	<b>★</b> c.	
	✓ D.	
	<b>J</b> .	
		Question ID : 9767558064
		Status : <b>Answered</b> Chosen Option : <b>2</b>
Q.52 Ans	<b>✓</b> A.	
7410		
	<b>X</b> B. (a)3.0 x 10 <sup>-2</sup> T (b) 0.5	
	<b>★</b> c.	
	$\times$ D. (a)0.82.0 x 10 <sup>-3</sup> T (b) 0.5	
		Question ID : 9767558075
		Status : Answered
		Chosen Option : 3
Q.53		
Ans	<ul><li>X A.</li><li>X B.</li><li>X C.</li><li>✓ D.</li></ul>	
	<b>X</b> B.	
	<b>X</b> c.	
	<b>D</b> .	
		Question ID : 9767558066
		Status : <b>Answered</b>
		Chosen Option : 1

Q.54		
Ans	✓ A.	
	<ul><li>✓ A.</li><li>X B.</li><li>X C.</li><li>X D.</li></ul>	
	<b>★</b> c.	
	<b>X</b> D.	
		Question ID : 9767558070 Status : Answered
		Chosen Option : 1
O FF		
Q.55 Ans	<b>✓</b> A.	
	<b>X</b> R	
	×c	
	<ul><li>★ B.</li><li>★ C.</li><li>★ D.</li></ul>	
		Question ID : 9767558073
		Status : <b>Answered</b> Chosen Option : <b>4</b>
Q.56		
Ans	<ul><li>✓ A.</li><li>X B.</li><li>X C.</li><li>X D.</li></ul>	
	<b>Х</b> В.	
	<b>X</b> c.	
	<b>D</b> .	
		Question ID : 9767558078
		Status : Answered
		Chosen Option : 2
Q.57		
Ans	<b>✓</b> A.	
	<ul><li>✗ B.</li><li>✗ C.</li><li>✗ D.</li></ul>	
	<b>★</b> c.	
	<b>★</b> D.	
		Question ID : 9767558054
		Status : Answered
		Chosen Option : 3

<b>★</b> c.	
X D.	
	Question ID : 9767558065
	Status : <b>Answered</b> Chosen Option : <b>2</b>
distance between the plates of the capacitor and area of the plates a respectively. Compute the displacement current for the time in µs?  S  A.  B.  C.  D.	are 5 mm and 25 cm <sup>2</sup>
	Question ID : 9767558051 Status : Answered Chosen Option : 3
O A copper block of mass 3 kg is heated in a furnace to a temperature placed on a large ice block. Find the maximum amount of ice that ca of copper = 0.39 Jg <sup>-1</sup> K <sup>-1</sup> , heat of fusion of water = 335 Jg <sup>-1</sup> K <sup>-1</sup> )  S A.  B.  C.  D.	