

## भारतीय विमानपत्तन प्राधिकरण

(अनुसूची – 'ए' मिनी रत्न - श्रेणी 1-सार्वजनिक क्षेत्र का उद्यम)

## **AIRPORTS AUTHORITY OF INDIA**

(SCHEDULE – 'A' MINI RATNA- CATEGORY- 1 PUBLIC SECTOR ENTERPRISE) राजीव गांधी भवन, सफदरजंग हवाईअड्डा, नई दिल्ली- 110003 RAJIV GANDHI BHAWAN, SAFDARJUNG AIRPORT, NEW DELHI-110003

## RECRUITMENT FOR VARIOUS POSTS IN OFFICIAL LANGUAGE AND AIR TRAFFIC CONTROL

## ADVERTISEMENT No. 08/2022

Participant ID	
Participant Name	
Test Center Name	iON Digital Zone iDZ 2 Sector 62
Test Date	21/02/2023
Test Time	12:30 PM - 2:30 PM
Subject	Junior Executive (Air Traffic Control)

	n which of the following states did Micro-Finance Institutions Network ( series of free Medical Health Camps in 18 flood affected districts in Se	
ns	1. Meghalaya 🗙	
	🗙 2. Bihar	
	🗙 3. Jharkhand	
	🛷 4. Assam	
		Question ID : 630680164376 Status : Answered Chosen Option : 4
	dentify the cnidarian that is correctly matched with its common name.	· · · · · · · · · · · · · · · · · · ·
ns	X 1. Adamsia - Sea-pen	
	🗙 2. Gorgonia - Sea anemone	
	💞 3. Physalia - Portuguese man-of-war	
	🗙 4. Pennatula - Sea-fan	
		Question ID : 630680164380
		Status : Answered
		Chosen Option : 3

Q.3 Ans	In which year did the Univers	ity Grants Commission Act come into force?	
7113	<b>X</b> 2. 1950		
	<b>3</b> . 1956		
	× 4. 1952		
	• • • • • • •		
			Question ID : 630680164374
			Status : Answered Chosen Option : 3
_			
		on of India guides towards the appointment of	
Ans	X 1. Finance Commission		
	X 2. Attorney-General for		
	X 3. Election Commission		
	4. Comptroller and Aud	itor-General of India	
			Question ID : 630680164381
			Status : Answered
			Chosen Option: 3
			Question ID : 630680164382 Status : Answered Chosen Option : 3
Q.6	Match the columns	L.	
	Rivers	Their origin	
	I. Indus	a) Amarkantak (Madhya Prades	sh)
	II. Godavari	b) Mansarovar (Tibet)	
	III. Cauvery IV. Narmada	<ul><li>c) Nasik (Maharashtra)</li><li>d) Coorg (Karnataka)</li></ul>	
	10	u) Coorg (KamataKa)	
Ans	✓ 1. I-b, II-c, III-d, IV-a		
	X 2. I-b, II-c, III-a, IV-d		
	X 3. I-a, II-c, III-b, IV-d		
	🟋 4. I-d, II-c, III-b, IV-a		
			Question ID : 630680164378
			Question ID : 630680164378 Status : Answered Chosen Option : 1

	<ul> <li>1. Nucloeplasts</li> <li>2. Amyloplasts</li> <li>3. Elaioplasts</li> <li>4. Aleuroplasts</li> </ul>		
	✓ 3. Elaioplasts		
	X 4. Aleuroplasts		
		0	
		Question ID : 630680164379 Status : Answered	
		Chosen Option : 2	
Q.8 W T	Vhich of the following Harappan sites was excavated in the 1960s unde Fhapar?	r the guidance of BK	
Ans	🗙 1. Harappa		
	✔ 2. Kalibangan		
	🗙 3. Lothal		
	🗙 4. Mohenjodaro		
		Question ID : 630680164375 Status : Answered	
		Chosen Option : 3	
ΟΘΤ	The reformer Henry Vivian Derozio was associated with		
	X 1. Akali Movement		
Ans 1. Akali Movement X 2. Ahmadiya Movement			
	✓ 3. Young Bengal Movement		
		Question ID : 630680164373	
Q.10 W			
р			
	🗙 1. Warm Eri Silk		
	<ul> <li>X 1. Warm Eri Silk</li> <li>2. Kausheya Pat</li> </ul>		
Ans			
Ans	🖋 2. Kausheya Pat		
Ans	<ul> <li>2. Kausheya Pat</li> <li>3. White Pat</li> </ul>		
Ans	<ul> <li>2. Kausheya Pat</li> <li>3. White Pat</li> </ul>	Question ID : 630680164377 Status : Answered	
Status : Answ Chosen Option : 3 Q.10 Which of the following is NOT one of the three major types of indigenous wild silks produced in Assam? Ans X 1. Warm Eri Silk 2. Kausheya Pat		Status : Answered Chosen Option : 3	

Section : General Intelligence

Q.1	Two men stepped out of an apartment but walked in different directions to reach different destinations. The first man walked 92 m towards west and took a left turn. He then walked 100 m and took a left turn. He then walked 240 m and took a right turn. Finally, he walked for 100 m to reach a point D. The second man walked 80 m towards east and took a right turn. He then walked 110 m to reach a point B. In which direction is point B from point D?		
Ans	🗙 1. South-West		
	🗙 2. North-East		
	🗙 3. South-East		
	✔ 4. North-West		
		Question ID : 630680164391 Status : Answered Chosen Option : 4	
Q.2	Given below are pairs of events (i) and (ii). You have to read them and de relationship. You have to assume that the information given in both (i) a not assume anything beyond the given information in deciding the answ Event (i) Many people visited the Taj Mahal during the weekend. Event (ii) Few foreigners visited the Taj Mahal during the weekdays.	and (ii) is true and	
Ans	igma 1. Both the events are effects of some common cause.		
	$\checkmark$ 2. Both the events are effects of some independent causes.		
	igma 3. Event (ii) is the effect and event (i) is its immediate and principal	cause.	
	igwedge 4. Event (i) is the effect and event (ii) is its immediate and principal	cause.	
		Question ID : 630680164396 Status : Answered Chosen Option : 2	
Q.3	<ul> <li>Q.3 Given below are pairs of events (i) and (ii). You have to read them and decide their nature of relationship. You have to assume that the information given in both (i) and (ii) is true and not assume anything beyond the given information in deciding the answer.</li> <li>Event (i) The prices of imported goods dropped significantly this year.</li> <li>Event (ii) The government reduced the tax on importing goods.</li> </ul>		
Ans	igma 1. Both the events are effects of some independent causes.		
	imes 2. Event (ii) is the effect and event (i) is its immediate and principal	cause.	
	igma 3. Both the events are effects of some common cause.		
	✓ 4. Event (i) is the effect and event (ii) is its immediate and principal cause.		
		Question ID : 630680164397 Status : Answered Chosen Option : 2	
Q.4	4 F, K, W, C, U, B and D are seven family members attending an economics fair. D is the brother of B. C is wife of W. F is K's husband. B is U's wife. K is the mother of U and daughter of W. How is D related to U?		
Ans	✔ 1. Wife's brother		
	X 2. Father		
	X 3. Brother		
	🗙 4. Husband		
		Question ID : 630680164392	

	<ul> <li>Read the given statements and conclusions carefully Assuming that the in the statements is true, even if it appears to be at variance with comm decide which of the given conclusions logically follow(s) from the state Statements:</li> <li>Few sheep are chimpanzees.</li> <li>No chimpanzee is a gorilla.</li> <li>All gorillas are bears.</li> <li>Conclusions: <ul> <li>(I) Some bears are not chimpanzees.</li> <li>(II) All chimpanzees are sheep.</li> <li>(III) All bears are gorillas.</li> <li>1. None of the conclusions follow</li> <li>2. Either conclusion I or conclusion III follow</li> <li>3. Only conclusion II follows</li> <li>4. Only conclusion I follows</li> </ul> </li> </ul>	nonly known facts,
		Question ID : 630680164388 Status : Answered Chosen Option : 1
	A certain number of people are sitting in a row, facing south. Naresh sits of Sita. Only four people sit between Naresh and Kumar. Raju sits to th Kumar. Only two people sit between Kumar and Anuj. Amit sits third to no other person is sitting in the row, what is the total number of people	e immediate right of
Ans	✔ 1. 16	
	<b>X</b> 2. 15	
	✗ 3. 14	
	<b>X</b> 4. 17	
		Question ID : 630680164386 Status : Answered
		Chosen Option : 1
	<ul> <li>ach of the five persons among M, N, O, P and Q like different drinks amonable chocolate, iced tea and energy drink, not necessarily in the same order. I different professions - Teacher, Librarian, Technician, Accountant and N does not like tea. M likes coffee and is a librarian. N and P like neither iced tea. O likes energy drink but he is neither a teacher nor an account technician. The one who likes tea is a teacher. Which of the following is</li> <li>1. Q is an acrobat and likes energy drink.</li> <li>2. P is an accountant and likes iced tea.</li> <li>3. O likes energy drink and is a technician.</li> <li>4. P is a teacher and likes tea.</li> </ul>	They all have Acrobat. In energy drink nor Intant. Q is a
	• •. r is a teacher and tikes tea.	
		Question ID : 630680164387
		Status : Not Attempted and Marked For Review
		Chosen Option :

	Seven teachers P, Q, R, S, T, U and V are sitting in a straight row, facing no between V and U. Only R sits to the right of T. P is to the immediate left of between T and S. V does not sit at any of the extreme ends of the row. immediate left of Q?	of T. Only P sits
Ans	🗙 1. Р	
	🗙 2. Т	
	✔ 3. U	
	🗙 4. V	
		Question ID : 630680164384 Status : Answered Chosen Option : 3
	If 'P & Q' means 'P is the brother of Q's mother', 'P $\emptyset$ Q' means 'P is the father of Q', 'P * Q' means 'P is the mother of Q', 'P % Q' means 'P is the husband of Q', then how is M related to S in the f expression? S = Q $\emptyset$ O % N * M 1. Daughter's husband 2. Brother 3. Son's child 4. Brother's child	ollowing
		Question ID : 630680164393 Status : Answered Chosen Option : 3
	Each of M, N, O, P, Q, R and S has birthdays on a different day of a week Monday and ending on Sunday of the same week. Only N has birthday before Q who has birthday on Tuesday. R has birthday has birthday immediately after S, but not on Sunday. M has birthday on before O. Who has birthday on Sunday?	ay on Thursday. P
Ans	✓ 1.0	
	🗙 2. Q	
	🗙 3. M	
	🗙 4. S	
		Question ID : 630680164385 Status : Answered

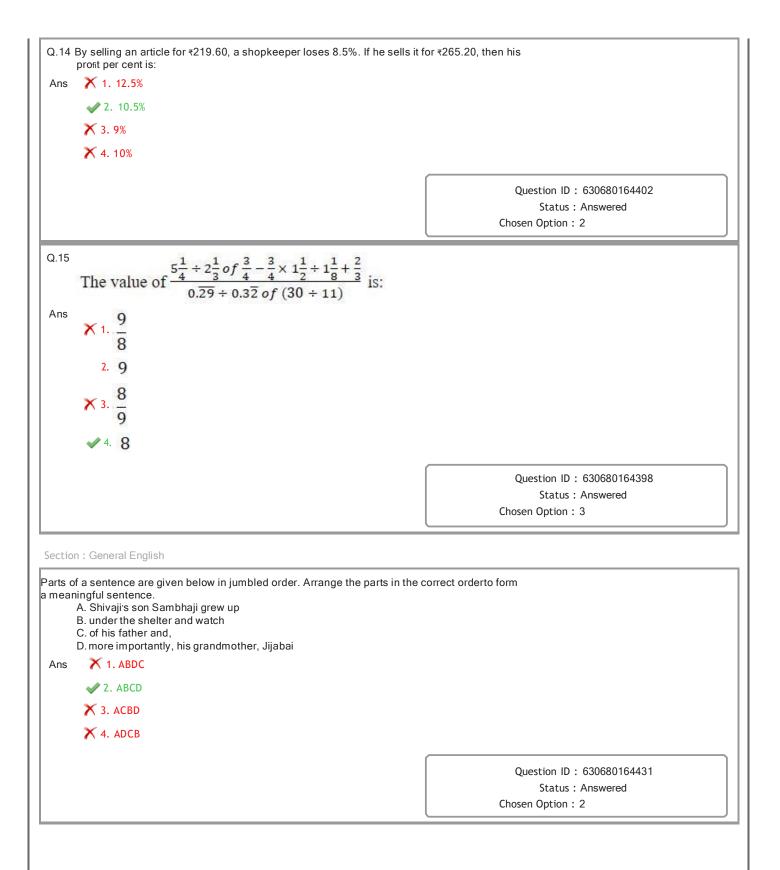
Ans       X 1.0         ✓ 2. H       X 3.1         X 4. F       Question ID : 630680164383 Status : Answered Chosen Option : 2         Q.12 If in a certain coding language, nowers go black is written as 'la vo mu', 'black panther died is written as zi mu be and 'panther go red' is written as 'be la ho', how will 'panther be written in that language?         Ans       X 1.zi         X 2. ho       ✓ 3. be         X 4. la       Question ID : 630680164389 Status : Answered Chosen Option : 3         Q.13 Select an option that is true regarding the following two statements labelled Assertion (A) and Reason (R). A Sun is a star. R. Stars are space objects that produces their own energy through fusion reaction of gases.         Ans       X 1. X is true but 'R' is false.         X 2. Both X and 'R' are fuse.       X 2. Both X and 'R' are true and 'R' is not the correct explanation of X'.	
<ul> <li>X 3.1</li> <li>X 4. F</li> <li>Question ID : 630680164383 Status : Answered Chosen Option : 2</li> </ul> Q.12 If in a certain coding language, "nowers go black is written as 'la vo mu', 'black panther died' is written as 'zi mu be' and 'panther go red' is written as 'la vo mu', 'black panther died' is written as 'zi mu be' and 'panther go red' is written as 'la vo mu', 'black panther be written in that language? Ans X 1. zi X 2. ho 3. be X 4. la Question ID : 630680164389 Status : Answered Chosen Option : 3 Question ID : 630680164389 Status : Answered Chosen Option : 3 Q.13 Select an option that is true regarding the following two statements labelled Assertion (A) and Reason (R). A. Sun is a star. R. Stars are space objects that produces their own energy through fusion reaction of gases. Ans X 1. X is true but 'R' is false. X 2. Both 'A' and 'R' are false. X 3. Both 'A' and 'R' are true and 'R' is the correct explanation of 'A'.	
<ul> <li>X 4. F</li> <li>Question ID : 630680164383 Status : Answered Chosen Option : 2</li> <li>Q.12 If in a certain coding language, nowers go black is written as 'la vo mu', 'black panther died' is written as 'la mu be' and 'panther go red' is written as 'be la ho', how will 'panther be written in that language?</li> <li>Ans X 1. zi X 2. ho</li> <li>3. be</li> <li>X 4. la</li> <li>Question ID : 630680164389 Status : Answered Chosen Option : 3</li> <li>Q.13 Select an option that is true regarding the following two statements labelled Assertion (A) and Reason (R). A. Sun is a star.</li> <li>R. Stars are space objects that produces their own energy through fusion reaction of gases.</li> <li>Ans X 1. Xi is true but 'R' is false.</li> <li>X. Both X' and 'R' are false.</li> <li>X. Both X' and 'R' are true and 'R' is the correct explanation of 'X.</li> </ul>	
Question ID : 630680164383 Status : Answered Chosen Option : 2         Q.12 If in a certain coding language, "rowers go black is written as 'la vo mu', 'black panther died' is written as 'zi mu be' and 'panther go red' is written as 'be la ho', how will 'panther be written in that language?         Ans       X 1. zi         X 2. ho       3. be         X 4. la       Question ID : 630680164389 Status : Answered Chosen Option : 3         Q.13 Select an option that is true regarding the following two statements labelled Assertion (A) and Reason (R). A. Sunis a star.         R. Stars are space objects that produces their own energy through fusion reaction of gases.         Ans       X 1. Xi is true but 'R' is false.         X 2. Both X' and 'R' are true and 'R' is the correct explanation of 'X'.	
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Status : Answered Chosen Option : 2         Q.12       If in a certain coding language, 'nowers go black' is written as 'la vo mu', 'black panther died' is written as 'zi mu be' and 'panther go red' is written as 'be la ho', how will 'panther be written in that language?         Ans       X 1. zi         X 2. ho       3. be         X 4. la       Question ID : 630680164389 Status : Answered Chosen Option : 3         Q.13       Select an option that is true regarding the following two statements labelled Assertion (A) and Reason (R). A. Sun is a star. R. Stars are space objects that produces their own energy through fusion reaction of gases.         Ans       X 1. Xi is true but 'R' is false.         X 2. Both 'A' and 'R' are false.       X 3. bet correct explanation of 'A'.	
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<ul> <li>died is written as 'zi mu be' and 'panther go red' is written as 'be la ho', how will 'panther' be written in that language?</li> <li>Ans X 1. zi</li> <li>X 2. ho</li> <li>3. be</li> <li>X 4. la</li> </ul> Question ID : 630680164389 Status : Answered Chosen Option : 3 Q.13 Select an option that is true regarding the following two statements labelled Assertion (A) and Reason (R). <ul> <li>A. Sun is a star.</li> <li>R. Stars are space objects that produces their own energy through fusion reaction of gases.</li> <li>Ans X 1. 'A' is true but 'R' is false.</li> <li>X 2. Both 'A' and 'R' are false.</li> <li>X 3. Both 'A' and 'R' are false.</li> </ul>	
<ul> <li>died' is written as 'zi mu be' and 'panther go red' is written as 'be la ho', how will 'panther' be written in that language?</li> <li>Ans X 1. zi</li> <li>X 2. ho</li> <li>3. be</li> <li>X 4. la</li> </ul> Question ID : 630680164389 Status : Answered Chosen Option : 3 Q.13 Select an option that is true regarding the following two statements labelled Assertion (A) and Reason (R). <ul> <li>A. Sun is a star.</li> <li>R. Stars are space objects that produces their own energy through fusion reaction of gases.</li> <li>Ans X 1. 'A' is true but 'R' is false.</li> <li>X 2. Both 'A' and 'R' are false.</li> <li>X 3. Both 'A' and 'R' are false.</li> </ul>	
<ul> <li>X 2. ho</li> <li>3. be</li> <li>X 4. la</li> <li>Question ID : 630680164389 Status : Answered Chosen Option : 3</li> <li>Q.13 Select an option that is true regarding the following two statements labelled Assertion (A) and Reason (R). A. Sun is a star. R. Stars are space objects that produces their own energy through fusion reaction of gases.</li> <li>Ans X 1. 'A' is true but 'R' is false.</li> <li>X 2. Both 'A' and 'R' are false.</li> <li>3. Both 'A' and 'R' are true and 'R' is the correct explanation of 'A'.</li> </ul>	
<ul> <li>3. be</li> <li>4. la</li> <li>Question ID : 630680164389 Status : Answered Chosen Option : 3</li> <li>Q.13 Select an option that is true regarding the following two statements labelled Assertion (A) and Reason (R). A. Sun is a star. R. Stars are space objects that produces their own energy through fusion reaction of gases.</li> <li>Ans X 1. 'A' is true but 'R' is false.</li> <li>X. Both 'A' and 'R' are true and 'R' is the correct explanation of 'A'.</li> </ul>	
<ul> <li>X 4. la</li> <li>Question ID : 630680164389 Status : Answered Chosen Option : 3</li> <li>Q.13 Select an option that is true regarding the following two statements labelled Assertion (A) and Reason (R).</li> <li>A. Sun is a star.</li> <li>R. Stars are space objects that produces their own energy through fusion reaction of gases.</li> <li>Ans X 1. 'A' is true but 'R' is false.</li> <li>X 2. Both 'A' and 'R' are true and 'R' is the correct explanation of 'A'.</li> </ul>	
Question ID : 630680164389 Status : Answered Chosen Option : 3 Q.13 Select an option that is true regarding the following two statements labelled Assertion (A) and Reason (R). A. Sun is a star. R. Stars are space objects that produces their own energy through fusion reaction of gases. Ans X 1. 'A' is true but 'R' is false. X 2. Both 'A' and 'R' are false. X 3. Both 'A' and 'R' are true and 'R' is the correct explanation of 'A'.	
Status : Answered Chosen Option : 3         Q.13 Select an option that is true regarding the following two statements labelled Assertion (A) and Reason (R).         A. Sun is a star.         R. Stars are space objects that produces their own energy through fusion reaction of gases.         Ans       ✓ 1. 'A' is true but 'R' is false.         ✓ 2. Both 'A' and 'R' are true and 'R' is the correct explanation of 'A'.	
Q.13 Select an option that is true regarding the following two statements labelled Assertion (A) and Reason (R).         A. Sun is a star.         R. Stars are space objects that produces their own energy through fusion reaction of gases.         Ans       ★ 1. 'A' is true but 'R' is false.         ★ 2. Both 'A' and 'R' are false.         ✓ 3. Both 'A' and 'R' are true and 'R' is the correct explanation of 'A'.	
<ul> <li>Q.13 Select an option that is true regarding the following two statements labelled Assertion (A) and Reason (R).</li> <li>A. Sun is a star.</li> <li>R. Stars are space objects that produces their own energy through fusion reaction of gases.</li> <li>Ans</li></ul>	
and Reason (R). A. Sun is a star. R. Stars are space objects that produces their own energy through fusion reaction of gases. Ans X 1. 'A' is true but 'R' is false. X 2. Both 'A' and 'R' are false. X 3. Both 'A' and 'R' are true and 'R' is the correct explanation of 'A'.	
✓ 3. Both 'A' and 'R' are true and 'R' is the correct explanation of 'A'.	
$\mathbf{X}$ 4. Both 'A' and 'R' are true but 'R' is not the correct explanation of 'A'.	
Question ID : 630680164395 Status : Answered Chosen Option : 3	

	A question is given, two statements labelled I and II. Identify which of th sufficient/necessary to answer the question. Question: On what day of the week does Punit's birthday fall? Statements: I. Arjun correctly remembers that Punit's birthday comes before Thursd II. Bhushan correctly remembers that Punit's birthday comes after Tues	ay but after Monday.
	Saturday.	
Ans	imes 1. The data either in statement I alone or statement II alone are suff question.	ficient to answer the
	$\bigstar$ 2. The data in statement I alone is sufficient to answer the question statement II alone is not sufficient to answer the question.	, while the data in
	$\mathbf{X}$ 3. The data in statement II alone is sufficient to answer the question statement I alone is not sufficient to answer the question.	ı, while the data in
	$\checkmark$ 4. The data given in both statements I and II together are necessar question.	y to answer the
		Question ID : 630680164394 Status : Answered Chosen Option : 4
	<ul> <li>stop. In which direction is the bus stop from the bank?</li> <li>1. South-East</li> <li>2. North</li> <li>3. South-West</li> <li>4. North-West</li> </ul>	
	<ul> <li>X 1. South-East</li> <li>X 2. North</li> <li>3. South-West</li> </ul>	Question ID : 630680164300
	<ul> <li>X 1. South-East</li> <li>X 2. North</li> <li>3. South-West</li> </ul>	Question ID : 630680164390
	<ul> <li>X 1. South-East</li> <li>X 2. North</li> <li>3. South-West</li> </ul>	Status : Answered
	<ul> <li>X 1. South-East</li> <li>X 2. North</li> <li>3. South-West</li> </ul>	
Ans	<ul> <li>X 1. South-East</li> <li>X 2. North</li> <li>3. South-West</li> </ul>	Status : Answered
Ans Section Q.1 A	<ul> <li>1. South-East</li> <li>2. North</li> <li>3. South-West</li> <li>4. North-West</li> </ul>	Status : Answered Chosen Option : 3
Ans Section Q.1 A	<ul> <li>X 1. South-East</li> <li>X 2. North</li> <li>3. South-West</li> <li>X 4. North-West</li> <li>A sum of ₹7,560 is divided between A, B and C such that the ratio of the combined share of B and C is 5 : 9 and the ratio of the share of C to the</li> </ul>	Status : Answered Chosen Option : 3
Ans Section Q.1 A	<ul> <li>X 1. South-East</li> <li>X 2. North</li> <li>3. South-West</li> <li>X 4. North-West</li> <li>A North-West</li> </ul>	Status : Answered Chosen Option : 3
Ans Section Q.1 A	<ul> <li>X 1. South-East</li> <li>X 2. North</li> <li>3. South-West</li> <li>X 4. North-West</li> <li>X 4. North-West</li> </ul>	Status : Answered Chosen Option : 3
Ans Section Q.1 A	<ul> <li>X 1. South-East</li> <li>X 2. North</li> <li>3. South-West</li> <li>X 4. North-West</li> <li>A North-West</li> </ul>	Status : Answered Chosen Option : 3
Ans Section Q.1 A	<ul> <li>X 1. South-East</li> <li>X 2. North</li> <li>3. South-West</li> <li>X 4. North-West</li> <li>A North-West</li> </ul> A sum of ₹7,560 is divided between A, B and C such that the ratio of the combined share of B and C is 5 : 9 and the ratio of the share of C to the and B is 3 : 7. What is the share of B? <ul> <li>X 1. ₹2,590</li> <li>X 2. ₹2,480</li> <li>3. ₹2,592</li> </ul>	Status : Answered Chosen Option : 3
Ans Section Q.1 A	<ul> <li>X 1. South-East</li> <li>X 2. North</li> <li>3. South-West</li> <li>X 4. North-West</li> <li>A North-West</li> </ul> A sum of ₹7,560 is divided between A, B and C such that the ratio of the combined share of B and C is 5 : 9 and the ratio of the share of C to the and B is 3 : 7. What is the share of B? <ul> <li>X 1. ₹2,590</li> <li>X 2. ₹2,480</li> <li>3. ₹2,592</li> </ul>	Status : Answered Chosen Option : 3 e share of A to the combined share of A Question ID : 630680164405
Ans Section Q.1 A	<ul> <li>X 1. South-East</li> <li>X 2. North</li> <li>3. South-West</li> <li>X 4. North-West</li> <li>A North-West</li> </ul>	Status : Answered Chosen Option : 3

	The marked price of an article is ₹450. It is sold for ₹348.48, after giving discounts each of x% on the marked price. If a single discount of 2x% is marked price, then what will be its selling price?	
Ans	★ 1. ₹315	
	✓ 2. ₹342	
	<b>X</b> 3. ₹306	
	★ 4. ₹360	
		Question ID : 630680164404
		Status : Answered
		Chosen Option : 2
	A and B enter into a partnership with capitals in the ratio $\frac{4}{3}$ : $\frac{5}{6}$ . After 6-months, A reduc increases his capital by 50%. What is the share of B in the profit of ₹63.6 lakhs, at the en	es his capital by 25% and B d of a year?
Ans	× 1.32.5	
	2. 30	
	× 3. 32	
	<b>X</b> 4. 33.6	
		Question ID : 630680164406
		Status : Answered
		Chosen Option : 2
	amount is to be paid back in two equal annual instalments, then the int ✓ 1. ₹4,608 X 2. ₹4,590	annually. If the erest paid by him is:
	<ul> <li>✓ 1. ₹4,608</li> <li>X 2. ₹4,590</li> <li>X 3. ₹4,518</li> </ul>	erest paid by him is:
Ans	<ul> <li>✓ 1. ₹4,608</li> <li>X 2. ₹4,590</li> </ul>	erest paid by him is:
	<ul> <li>✓ 1. ₹4,608</li> <li>X 2. ₹4,590</li> <li>X 3. ₹4,518</li> </ul>	erest paid by him is:
	<ul> <li>✓ 1. ₹4,608</li> <li>X 2. ₹4,590</li> <li>X 3. ₹4,518</li> </ul>	Question ID : 630680164408 Status : Answered
	<ul> <li>✓ 1. ₹4,608</li> <li>X 2. ₹4,590</li> <li>X 3. ₹4,518</li> </ul>	erest paid by him is: Question ID : 630680164408
Ans Q.5 T	<ul> <li>✓ 1. ₹4,608</li> <li>X 2. ₹4,590</li> <li>X 3. ₹4,518</li> <li>X 4. ₹4,600</li> </ul>	Question ID : 630680164408 Status : Answered Chosen Option : 1
Ans Q.5 T	<ul> <li>✓ 1. ₹4,608</li> <li>✓ 2. ₹4,590</li> <li>X 3. ₹4,518</li> <li>X 4. ₹4,600</li> </ul> The diameter of a solid metallic spherical bullet is 3.5 cm. 96 such bullet recast into a solid right circular cylinder of height 56 cm. What is the curcm <sup>2</sup> ) of the cylinder? X 1. 448π	Question ID : 630680164408 Status : Answered Chosen Option : 1
Ans Q.5 T	<ul> <li>✓ 1. ₹4,608</li> <li>X 2. ₹4,590</li> <li>X 3. ₹4,518</li> <li>X 4. ₹4,600</li> </ul>	Question ID : 630680164408 Status : Answered Chosen Option : 1
Ans Q.5 T	<ul> <li>✓ 1. ₹4,608</li> <li>✓ 2. ₹4,590</li> <li>X 3. ₹4,518</li> <li>X 4. ₹4,600</li> </ul> The diameter of a solid metallic spherical bullet is 3.5 cm. 96 such bullet recast into a solid right circular cylinder of height 56 cm. What is the curcm <sup>2</sup> ) of the cylinder? X 1. 448π	Question ID : 630680164408 Status : Answered Chosen Option : 1
Ans Q.5 T	<ul> <li>✓ 1. ₹4,608</li> <li>✓ 2. ₹4,590</li> <li>✓ 3. ₹4,518</li> <li>✓ 4. ₹4,600</li> </ul> The diameter of a solid metallic spherical bullet is 3.5 cm. 96 such bulle recast into a solid right circular cylinder of height 56 cm. What is the cu cm <sup>2</sup> ) of the cylinder? <ul> <li>✓ 1. 448π</li> <li>✓ 2. 280π</li> </ul>	Question ID : 630680164408 Status : Answered Chosen Option : 1

	and 5 litres of B are mixed in a vessel and one litre water is also add is the ratio of alcohol and water in the resulting mixture?	
Ans	✓ 1. 23 : 25	
	2. 22 : 23	
	★ 3. 21 : 22	
	× 4. 23 : 29	
	4. 23 : 29	
		Question ID : 630680164401
		Status : Answered
		Chosen Option : 1
Q.7 If	f a 8-digit number 43x259y2 is divisible by 88, then the largest possi	ble value of (5x+2y) is:
Ans	✔ 1.63	
	<b>X</b> 2. 56	
	✗ 3. 64	
	<b>X</b> 4. 52	
		Ourseties ID + 620680164200
		Question ID: 630680164399
		Status : Answered
	In finding HCF of two positive integers by division method, the last division respective quotients from the beginning are 30, 1 and 3. What is the integers? 1. 3556 2. 3566	Status : Answered Chosen Option : 1 visor is 28 and the
	respective quotients from the beginning are 30, 1 and 3. What is the integers? 1. 3556	Status : Answered Chosen Option : 1 visor is 28 and the
	<ul> <li>respective quotients from the beginning are 30, 1 and 3. What is the integers?</li> <li>1. 3556</li> <li>2. 3566</li> <li>3. 3554</li> </ul>	Status : Answered Chosen Option : 1 visor is 28 and the e sum of the two
	<ul> <li>respective quotients from the beginning are 30, 1 and 3. What is the integers?</li> <li>1. 3556</li> <li>2. 3566</li> <li>3. 3554</li> </ul>	Status : Answered Chosen Option : 1 visor is 28 and the e sum of the two Question ID : 630680164400
	<ul> <li>respective quotients from the beginning are 30, 1 and 3. What is the integers?</li> <li>1. 3556</li> <li>2. 3566</li> <li>3. 3554</li> </ul>	Status : Answered Chosen Option : 1 visor is 28 and the e sum of the two Question ID : 630680164400 Status : Answered
	<ul> <li>respective quotients from the beginning are 30, 1 and 3. What is the integers?</li> <li>1. 3556</li> <li>2. 3566</li> <li>3. 3554</li> </ul>	Status : Answered Chosen Option : 1 visor is 28 and the e sum of the two Question ID : 630680164400
Ans Q.9 A	<ul> <li>respective quotients from the beginning are 30, 1 and 3. What is the integers?</li> <li>1. 3556</li> <li>2. 3566</li> <li>3. 3554</li> <li>4. 3564</li> </ul>	Status : Answered Chosen Option : 1 visor is 28 and the e sum of the two Question ID : 630680164400 Status : Answered Chosen Option : 1 e same direction and
Ans	<ul> <li>respective quotients from the beginning are 30, 1 and 3. What is the integers?</li> <li>1. 3556</li> <li>2. 3566</li> <li>3. 3554</li> <li>4. 3564</li> </ul> A car travelling at a speed of 70 km/h overtakes a bus travelling in the leaves it 170 m behind in 18 seconds. What is the speed (in km/h) or the speed	Status : Answered Chosen Option : 1 visor is 28 and the e sum of the two Question ID : 630680164400 Status : Answered Chosen Option : 1 e same direction and
Ans Q.9 A	A car travelling at a speed of 70 km/h overtakes a bus travelling in the leaves it 170 m behind in 18 seconds. What is the speed (in km/h) of 1.45	Status : Answered Chosen Option : 1 visor is 28 and the e sum of the two Question ID : 630680164400 Status : Answered Chosen Option : 1 e same direction and
Ans	A car travelling at a speed of 70 km/h overtakes a bus travelling in the leaves it 170 m behind in 18 seconds. What is the speed (in km/h) of 1.45	Status : Answered Chosen Option : 1 visor is 28 and the e sum of the two Question ID : 630680164400 Status : Answered Chosen Option : 1 e same direction and
Ans	A car travelling at a speed of 70 km/h overtakes a bus travelling in the leaves it 170 m behind in 18 seconds. What is the speed (in km/h) of 1.45	Status : Answered Chosen Option : 1 visor is 28 and the e sum of the two Question ID : 630680164400 Status : Answered Chosen Option : 1 e same direction and
Ans Q.9 A	A car travelling at a speed of 70 km/h overtakes a bus travelling in the leaves it 170 m behind in 18 seconds. What is the speed (in km/h) of 1.45	Status : Answered Chosen Option : 1 visor is 28 and the e sum of the two Question ID : 630680164400 Status : Answered Chosen Option : 1 e same direction and
Ans Q.9 A	A car travelling at a speed of 70 km/h overtakes a bus travelling in the leaves it 170 m behind in 18 seconds. What is the speed (in km/h) of 1.45	Status : Answered Chosen Option : 1 visor is 28 and the e sum of the two Question ID : 630680164400 Status : Answered Chosen Option : 1 e same direction and
Ans Q.9 A	A car travelling at a speed of 70 km/h overtakes a bus travelling in the leaves it 170 m behind in 18 seconds. What is the speed (in km/h) of 1.45	Status : Answered Chosen Option : 1 visor is 28 and the e sum of the two Question ID : 630680164400 Status : Answered Chosen Option : 1 e same direction and f the bus?

Q.10	The simple interest on a certain sum for $12\frac{1}{2}$ years at 15 % p.a. exceeds the amount of the same sum at simple interest for $6\frac{1}{2}$ years at 12 % p.a. by ₹1197. The sum (in ₹) is: 1.13,000 2.12,800		
Ans			
	✓ 3. 12,600		
	<b>X</b> 4. 12,500		
		Question ID + 620690164407	
		Question ID : 630680164407 Status : Answered	
		Chosen Option : 4	
0 11	The cost price of item A is ₹500 more than that of item B. When A is sol	d at a loss of 10%	
Q.11	and B is sold at a profit of 25%, then there is a profit of 4% in the entire t the selling price of item A?		
Ans	🗙 1.₹1,620		
	Х 2. ₹1,440		
	🗙 3.₹1,260		
	✔ 4.₹1,350		
		Question ID : 630680164403	
		Status : Answered	
		Chosen Option : 4	
Ans	in 10 hours. Pipe C alone can empty $\frac{7}{15}$ th part of the tank in: $\swarrow$ 1. $7\frac{1}{2}$ hours $\bigstar$ 2. $8\frac{1}{2}$ hours 3. 7 hours $\checkmark$ 4. 8 hours		
		Question ID : 630680164411	
		Status : Answered	
		Chosen Option : 3	
Q.13	the same distance downstream. The speed of the stream is 7.5 km/h. How many (total) hours will the boat take to go 42 km upstream and 54 km downstream?		
Ans	× 1. 4.2		
	<ul> <li>✓ 2. 3.5</li> <li>✗ 3. 4</li> </ul>		
	<b>X</b> 4. 3		
		Question ID : 630680164410	
		Status : Answered	
1		Chosen Option : 2	



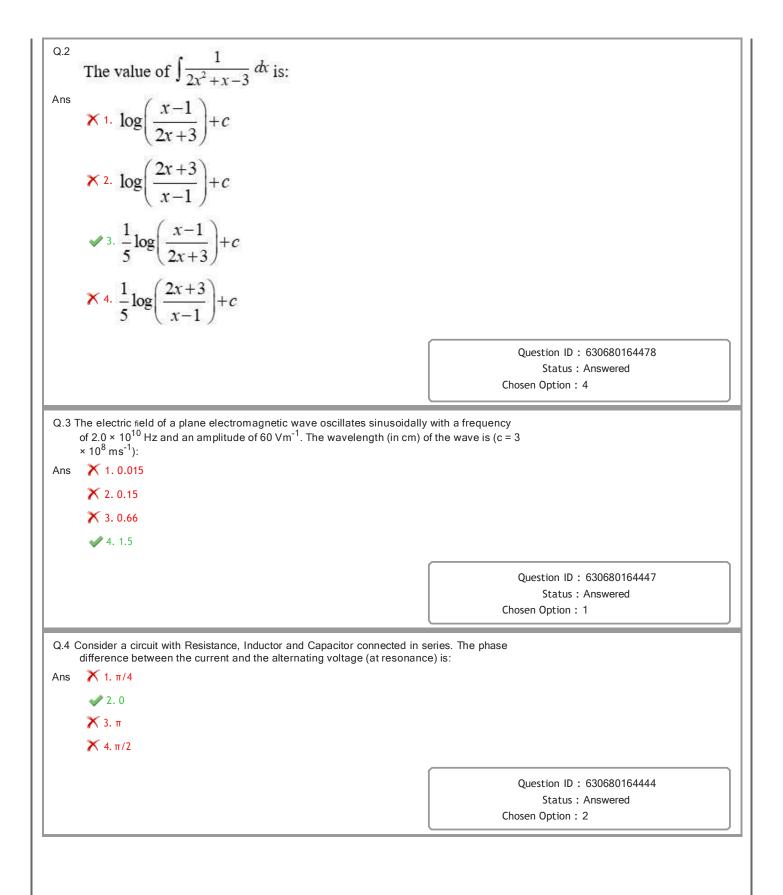
Select the most appropriate option to fill in the blank. Much of credit for making this school great goes to its Principal.	
<b>4.</b> the	
	Question ID : 630680164421
	Status : Answered Chosen Option : 4
Select the most appropriate option to fill in the blank and complete the g correctly.	iven proverb
A journey of thousand miles begins	
X 2. after finishing school	
3. with a single step	
🗙 4. gradually	
	Question ID : 630680164428
	Status : Answered
	Chosen Option : 3
Select the most appropriate meaning of the given idiom. Bag of bones X 1. A bag full of trash	
2. A very thin person	
X 3. An unreliable person	
🗙 4. An unsolved issue	
	Question ID : 630680164430 Status : Answered
	Chosen Option: 4
Select the most appropriate option to fill in the blank. Hethe loan he had taken from his friend within a month.	Chosen Option : 4
Select the most appropriate option to fill in the blank. Hethe loan he had taken from his friend within a month.	Chosen Option : 4
Hethe loan he had taken from his friend within a month.	Chosen Option : 4
Hethe loan he had taken from his friend within a month.	Chosen Option : 4
<ul> <li>Hethe loan he had taken from his friend within a month.</li> <li>1. repaid</li> <li>2. revealed</li> </ul>	
<ul> <li>Hethe loan he had taken from his friend within a month.</li> <li>1. repaid</li> <li>2. revealed</li> <li>3. reserved</li> </ul>	
<ul> <li>Hethe loan he had taken from his friend within a month.</li> <li>1. repaid</li> <li>2. revealed</li> <li>3. reserved</li> </ul>	Question ID : 630680164432 Status : Answered
	<pre>correctly. A journey of thousand miles begins X 1. from home 2. after finishing school 3. with a single step X 4. gradually Select the most appropriate meaning of the given idiom. Bag of bones X 1. A bag full of trash 2. A very thin person X 3. An unreliable person</pre>

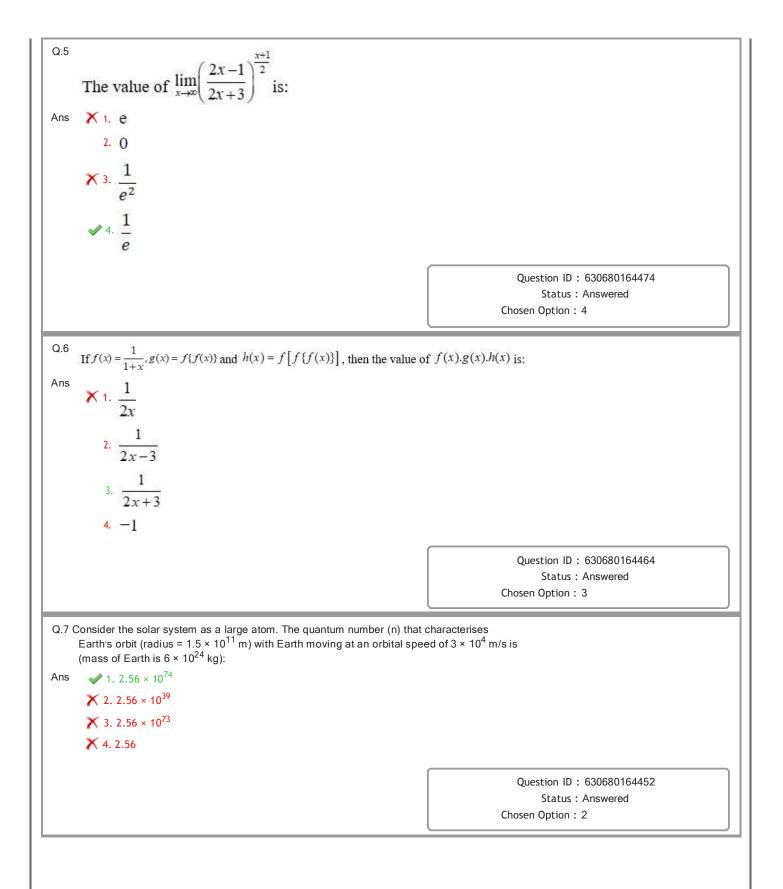
	Select the most appropriate synonym of the given word. Expedite	
ns	✔ 1. Hasten	
	X 2. Hinder	
	X 3. Hold	
	🗙 4. Halt	
		Ouestion ID : 630680164425
		Status : Answered
		Chosen Option : 1
Q.7 S	Select the most appropriate option to fill in the blank.	
	We found her playing with little dog in the park.	
Ans	X 1. the	
	X 2. No word required	
	✔ 3. a	
	🗙 4. an	
		Question ID : 630680164419
		Status : Answered
		Chosen Option : 3
	Last year, I a house in Shimla.	
	<ul> <li>X 1. buy</li> <li>X 2. was buying</li> <li>X 3. have bought</li> </ul>	
	<ul><li>✗ 1. buy</li><li>✗ 2. was buying</li></ul>	
	<ul> <li>1. buy</li> <li>2. was buying</li> <li>3. have bought</li> </ul>	Question ID : 630680164417
	<ul> <li>1. buy</li> <li>2. was buying</li> <li>3. have bought</li> </ul>	Question ID : 630680164417 Status : Answered
	<ul> <li>1. buy</li> <li>2. was buying</li> <li>3. have bought</li> </ul>	-
Ans Q.9	<ul> <li>1. buy</li> <li>2. was buying</li> <li>3. have bought</li> <li>4. bought</li> </ul>	Status : Answered
Ans Q.9	<ul> <li>1. buy</li> <li>2. was buying</li> <li>3. have bought</li> <li>4. bought</li> </ul>	Status : Answered
Ans Q.9	<ul> <li>1. buy</li> <li>2. was buying</li> <li>3. have bought</li> <li>4. bought</li> </ul> Identify the proverb that best suits the following scenario. As long as the outcome is good, problems on the way don't matter. 1. Every cloud has a silver lining.	Status : Answered
Ans Q.9	<ul> <li>1. buy</li> <li>2. was buying</li> <li>3. have bought</li> <li>4. bought</li> </ul> Identify the proverb that best suits the following scenario. As long as the outcome is good, problems on the way don't matter. 1. Every cloud has a silver lining. 2. All is well that ends well.	Status : Answered
Ans Q.9	<ul> <li>1. buy</li> <li>2. was buying</li> <li>3. have bought</li> <li>4. bought</li> </ul> Identify the proverb that best suits the following scenario. As long as the outcome is good, problems on the way don't matter. 1. Every cloud has a silver lining. <ul> <li>2. All is well that ends well.</li> <li>3. All is fair in love and war.</li> </ul>	Status : Answered
Ans Q.9	<ul> <li>1. buy</li> <li>2. was buying</li> <li>3. have bought</li> <li>4. bought</li> </ul> Identify the proverb that best suits the following scenario. As long as the outcome is good, problems on the way don't matter. 1. Every cloud has a silver lining. 2. All is well that ends well.	Status : Answered
Ans Q.9	<ul> <li>1. buy</li> <li>2. was buying</li> <li>3. have bought</li> <li>4. bought</li> </ul> Identify the proverb that best suits the following scenario. As long as the outcome is good, problems on the way don't matter. 1. Every cloud has a silver lining. <ul> <li>2. All is well that ends well.</li> <li>3. All is fair in love and war.</li> </ul>	Status : Answered
Ans Q.9	<ul> <li>1. buy</li> <li>2. was buying</li> <li>3. have bought</li> <li>4. bought</li> </ul> Identify the proverb that best suits the following scenario. As long as the outcome is good, problems on the way don't matter. 1. Every cloud has a silver lining. <ul> <li>2. All is well that ends well.</li> <li>3. All is fair in love and war.</li> </ul>	Status : Answered Chosen Option : 4

	Select the most appropriate option to fill in the blanks. I happily to the demand of our workmen for extra bonus. After all, had all expectations.	this year our sales
Ans	X 1. exceeded, acceded	
	X 2. acceded, acceded	
	X 3. exceeded, exceeded	
	✓ 4. acceded, exceeded	
		Question ID : 630680164426 Status : Answered
		Chosen Option : 4
		(
	Select the most appropriate option to fill in the blank. I wanted to buy some peanuts, but I didn't see anyonethem.	
Ans	✔ 1. selling	
	🗙 2. sells	
	🗙 3. to sell	
	🗙 4. sold	
		Question ID : 630680164415
	Select the most appropriate option to fill in the blank. Last night, a thick fog caused a massive accident the Expressway 1. on 2. at 3. over	Status : Answered Chosen Option : 1
	Last night, a thick fog caused a massive accident the Expressway 1. on	Status : Answered Chosen Option : 1
	Last night, a thick fog caused a massive accident the Expressway 1. on 2. at 3. over	Status : Answered Chosen Option : 1
	Last night, a thick fog caused a massive accident the Expressway 1. on 2. at 3. over	Status : Answered Chosen Option : 1
	Last night, a thick fog caused a massive accident the Expressway 1. on 2. at 3. over	Status : Answered Chosen Option : 1
Ans 2.13 S	Last night, a thick fog caused a massive accident the Expressway 1. on 2. at 3. over 4. above Select the most appropriate option to collocate with the word 'tired' to fi	Status : Answered Chosen Option : 1 Question ID : 630680164413 Status : Answered Chosen Option : 1
Ans	Last night, a thick fog caused a massive accident the Expressway ✓ 1. on ✓ 2. at ✓ 3. over ✓ 4. above	Status : Answered Chosen Option : 1 Question ID : 630680164413 Status : Answered Chosen Option : 1
Ans	Last night, a thick fog caused a massive accident the Expressway 1. on 2. at 3. over 4. above Select the most appropriate option to collocate with the word 'tired' to fi Sometimes she tired of looking after small children.	Status : Answered Chosen Option : 1 Question ID : 630680164413 Status : Answered Chosen Option : 1
Ans	Last night, a thick fog caused a massive accident the Expressway 1. on 2. at 3. over 4. above Select the most appropriate option to collocate with the word 'tired' to fi Sometimes she tired of looking after small children. 1. gets	Status : Answered Chosen Option : 1 Question ID : 630680164413 Status : Answered Chosen Option : 1
Ans	Last night, a thick fog caused a massive accident the Expressway 1. on 2. at 3. over 4. above Select the most appropriate option to collocate with the word 'tired' to fi Sometimes she tired of looking after small children. 1. gets 2. makes	Status : Answered Chosen Option : 1 Question ID : 630680164413 Status : Answered Chosen Option : 1
Ans	Last night, a thick fog caused a massive accident the Expressway 1. on 2. at 3. over 4. above Select the most appropriate option to collocate with the word 'tired' to fi Sometimes she tired of looking after small children. 1. gets 2. makes 3. begins	Status : Answered Chosen Option : 1 Question ID : 630680164413 Status : Answered Chosen Option : 1
Ans	Last night, a thick fog caused a massive accident the Expressway 1. on 2. at 3. over 4. above Select the most appropriate option to collocate with the word 'tired' to fi Sometimes she tired of looking after small children. 1. gets 2. makes 3. begins	Status : Answered Chosen Option : 1 Question ID : 630680164413 Status : Answered Chosen Option : 1 I in the blank. Question ID : 630680164424
Ans 2.13 S	Last night, a thick fog caused a massive accident the Expressway 1. on 2. at 3. over 4. above Select the most appropriate option to collocate with the word 'tired' to fi Sometimes she tired of looking after small children. 1. gets 2. makes 3. begins	Status : Answered Chosen Option : 1 Question ID : 630680164413 Status : Answered Chosen Option : 1

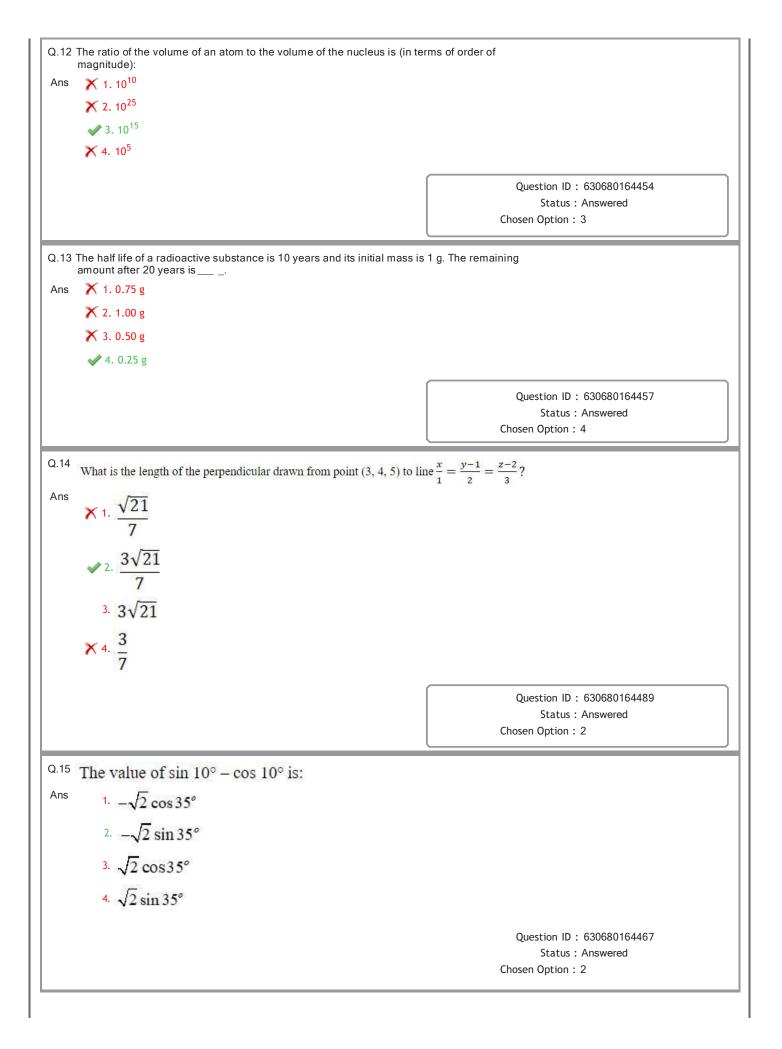
	Select the most appropriate ANTONYM of the given word. Scrumptious	
Ans	X 1. Delicious	
	X 2. Appetising	
	✓ 3. Tasteless	
	🗙 4. Satisfying	
		Question ID : 630680164427 Status : Answered
		Chosen Option : 3
ຊ.15 ຣ	Select the most appropriate option to fill in the blank. Look, the childrensuch fun on this swing!	
Ans	Look, the childrensuch fun on this swing!	
	<ul> <li>2. are having</li> </ul>	
	X 3. had	
	X 4. have had	
	-	
		Question ID: 630680164416
I	Select the most appropriate option to fill in the blanks. He ordered his soldiers to search whole forest for lost puppy X 1. a, a X 2. a, the	Status : Answered Chosen Option : 2
I	He ordered his soldiers to search whole forest for lost puppy X 1. a, a	Status : Answered Chosen Option : 2 of the boy. Question ID : 630680164422 Status : Answered
I	He ordered his soldiers to search whole forest for lost puppy X 1. a, a X 2. a, the X 3. the, a	Status : Answered Chosen Option : 2 of the boy. Question ID : 630680164422
۹ns ۵.17 ٤	He ordered his soldiers to search whole forest for lost puppy   1. a, a  2. a, the  3. the, a  4. the, the  Select the most appropriate option to fill in the blank. Tom: "What are you going to do with this laptop?"	Status : Answered Chosen Option : 2 of the boy. Question ID : 630680164422 Status : Answered
۹ns ۵.17 ٤	He ordered his soldiers to search whole forest for lost puppy X 1. a, a 2. a, the 3. the, a 4. the, the Select the most appropriate option to fill in the blank. Tom: "What are you going to do with this laptop?" Peter: "I it."	Status : Answered Chosen Option : 2 of the boy. Question ID : 630680164422 Status : Answered
۹ns ۵.17 ٤	He ordered his soldiers to search whole forest for lost puppy	Status : Answered Chosen Option : 2 of the boy. Question ID : 630680164422 Status : Answered
ا Ans	He ordered his soldiers to search whole forest for lost puppy  X 1. a, a  2. a, the  3. the, a  4. the, the  Select the most appropriate option to fill in the blank. Tom: "What are you going to do with this laptop?" Peter: "Iit."  1. will sell  2. sold	Status : Answered Chosen Option : 2 of the boy. Question ID : 630680164422 Status : Answered
ا Ans	He ordered his soldiers to search whole forest for lost puppy X 1. a, a 2. a, the X 3. the, a 4. the, the Select the most appropriate option to fill in the blank. Tom: "What are you going to do with this laptop?" Peter: "Iit." 1. will sell X 2. sold X 3. sell	Status : Answered Chosen Option : 2 of the boy. Question ID : 630680164422 Status : Answered
ا Ans 2.17 ٤	He ordered his soldiers to search whole forest for lost puppy  X 1. a, a  2. a, the  3. the, a  4. the, the  Select the most appropriate option to fill in the blank. Tom: "What are you going to do with this laptop?" Peter: "Iit."  1. will sell  2. sold	Status : Answered Chosen Option : 2 of the boy. Question ID : 630680164422 Status : Answered
ا Ans 2.17 ٤	He ordered his soldiers to search whole forest for lost puppy X 1. a, a 2. a, the X 3. the, a 4. the, the Select the most appropriate option to fill in the blank. Tom: "What are you going to do with this laptop?" Peter: "Iit." 1. will sell X 2. sold X 3. sell	Status : Answered Chosen Option : 2 of the boy. Question ID : 630680164422 Status : Answered
Ans 2.17 ٤	He ordered his soldiers to search whole forest for lost puppy X 1. a, a 2. a, the X 3. the, a 4. the, the Select the most appropriate option to fill in the blank. Tom: "What are you going to do with this laptop?" Peter: "Iit." 1. will sell X 2. sold X 3. sell	Status : Answered Chosen Option : 2 of the boy. Question ID : 630680164422 Status : Answered Chosen Option : 4

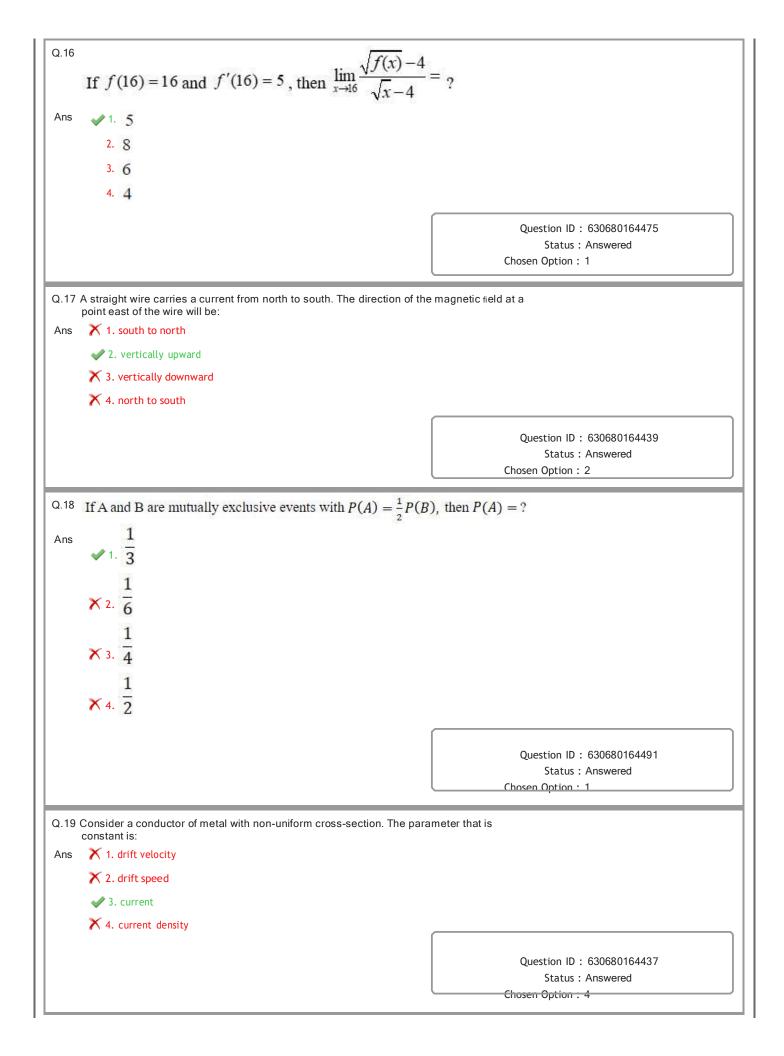
Q.18	Select the most appropriate option to collocate with the word 'look' to fill Let's take a look through this file.	in the blank.
Ans	🛹 1. quick	
	X 2. swift	
	🗙 3. rapid	
	🗙 4. fast	
		Question ID : 630680164423 Status : Answered
		Chosen Option : 1
<u> </u>		· · · · · · · · · · · · · · · · · · ·
Q.19	Select the most appropriate option to fill in the blank. At the association's meeting, people voted by raisinghands.	
Ans	🗙 1. them	
	🛹 2. their	
	X 3. theirs	
	🗙 4. our	
		Question ID : 630680164414
		Status : Answered Chosen Option : 2
Q.20	Select the most appropriate option to fill in the blanks. When she was hungry, she ate orange and drank glass of water	
Ans	✓ 1. an, a	
	<b>X</b> 2. a, a	
	X 3. the, the	
	<b>X</b> 4. a, the	
		Question ID : 630680164420
		Status : Answered
		Chosen Option : 1
Sectio	n : Domain Knowledge	
Q.1	$ 2x-4 \ 4 \ 0 $	
	2 - 1 1 0	
	If $\begin{vmatrix} 2 & x-1 & 1 \\ 2 & x-1 & z \end{vmatrix} = 0$ , then $x = ?$	
Ans	✓ 1. 4	
	★ 24	
	<b>×</b> 3. −5	
	<b>X</b> 4. 5	
		Question ID : 630680164470
		Status : Answered
		Chosen Option : 1

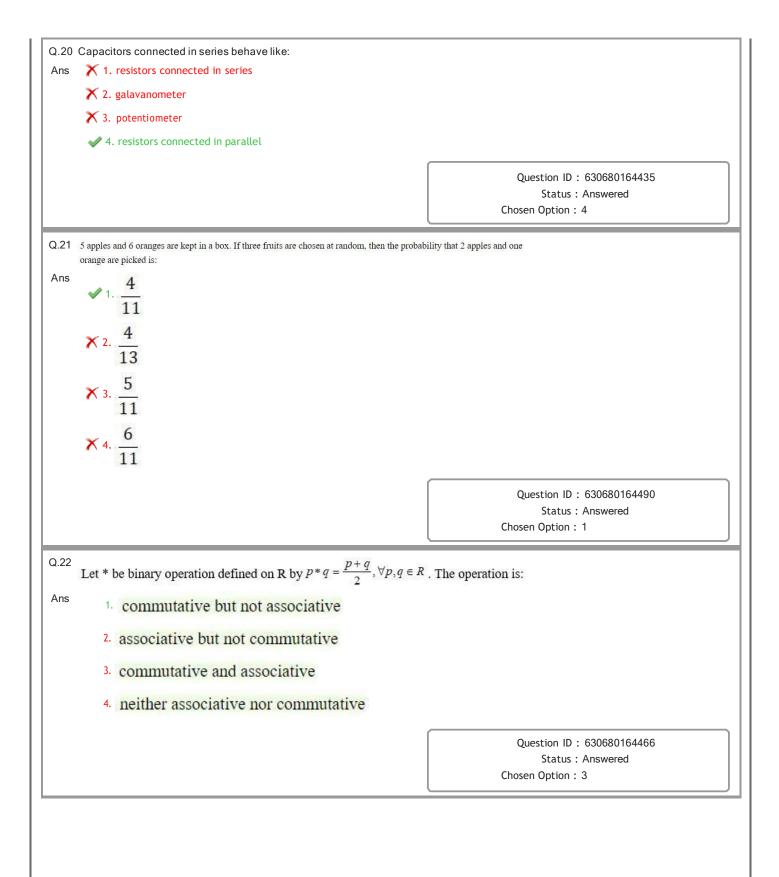


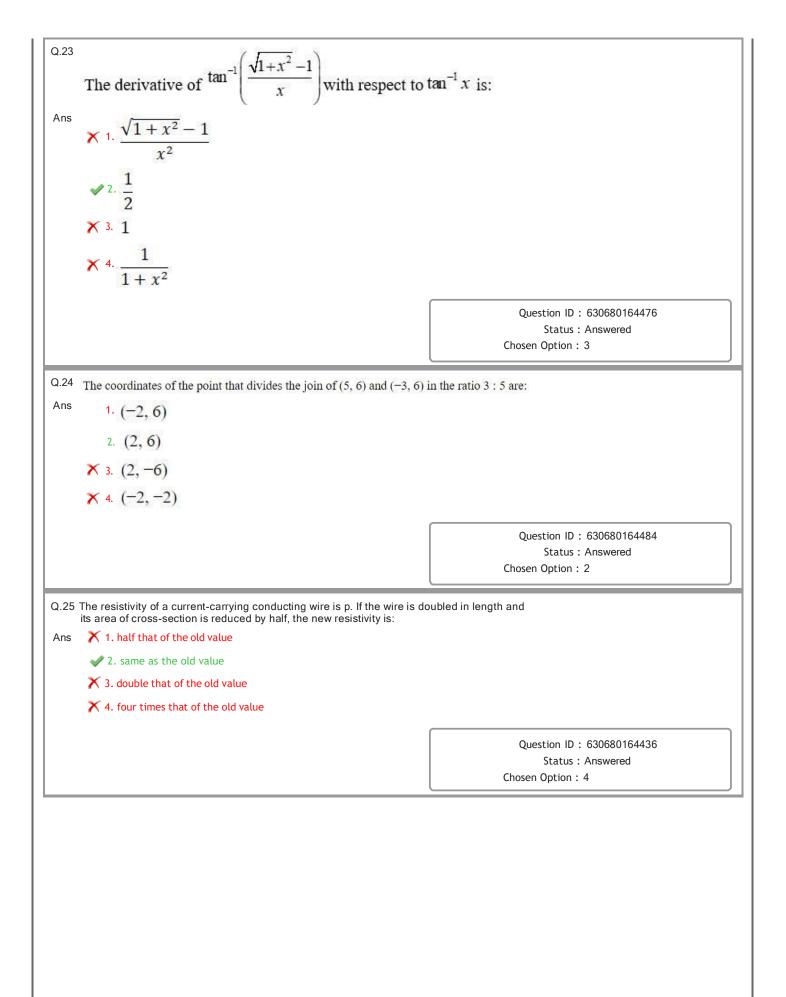


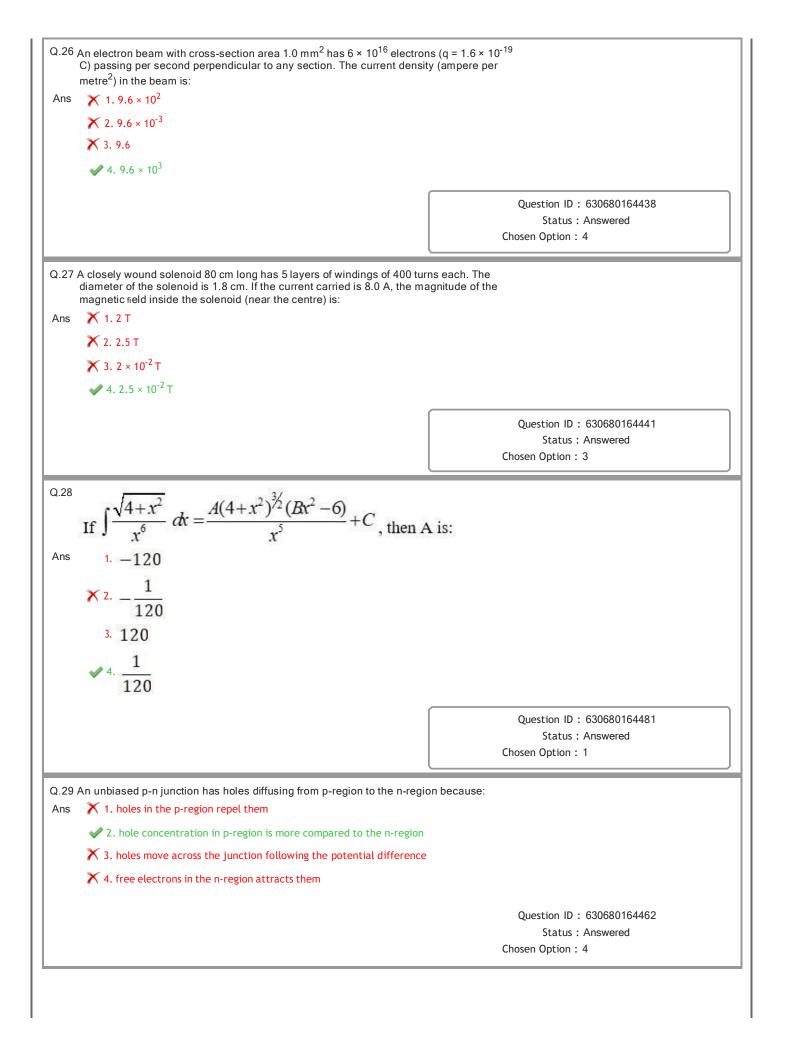
Q.8 If P $(2, 3, 4)$ , Q $(5, 8, 7)$ and R $(-1, -2, 1)$ are collinear, then I	R divides PQ in the ratio:
Ans 1. 2:1 internally	
2. 1:2 externally	
3. 1:2 internally	
4. 2:1 externally	
	Question ID : 630680164486 Status : Answered Chosen Option : 2
Q.9 If $A = \{1, 2, 3, 4, 5\}$ , then the relation $R = \{(2, 3), (2, 3)\}$	3, 4), (2, 4)} on A is:
Ans 1. transitive only	
2. reflexive and transitive only	
3. symmetric only	
4. symmetric and transitive only	
	Question ID : 630680164463 Status : Answered Chosen Option : 1
✓ 2. $2.12 \times 10^{-10}$ m ★ 3. $10.6 \times 10^{-10}$ m ★ 4. $21.2 \times 10^{-10}$ m	
	Question ID : 630680164451 Status : Answered Chosen Option : 2
0.11 The charge carriers in a p-type semiconductor are:	
Ans $X$ 1. large number of electrons and a small number of holes	
<ul> <li>Ans X 1. large number of electrons and a small number of holes</li> <li>X 2. equal number of holes and electrons</li> <li>3. large number of holes and a small number of electrons</li> </ul>	Question ID : 630680164461 Status : Answered

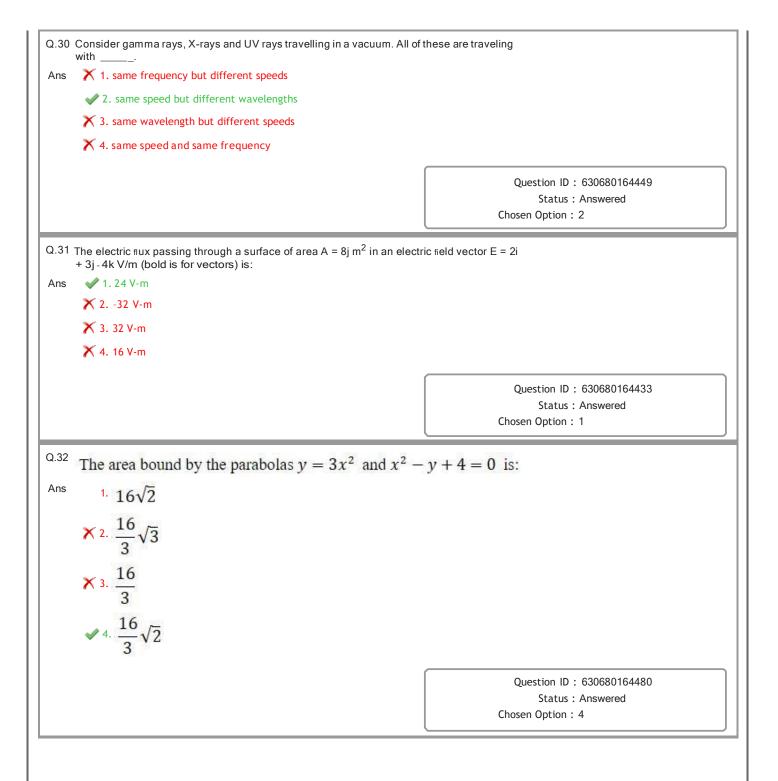


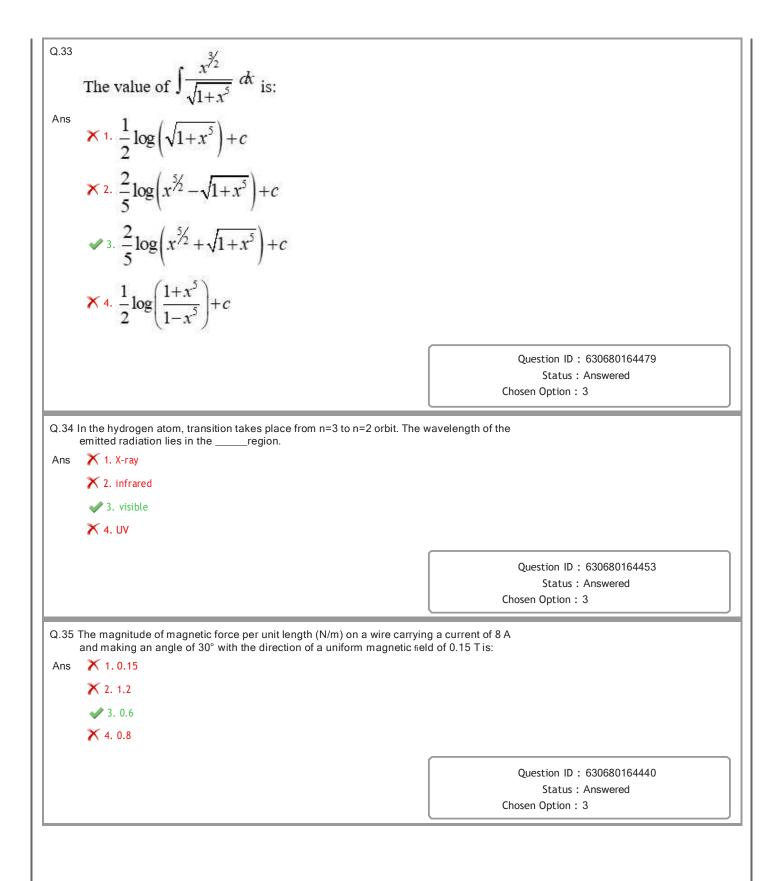






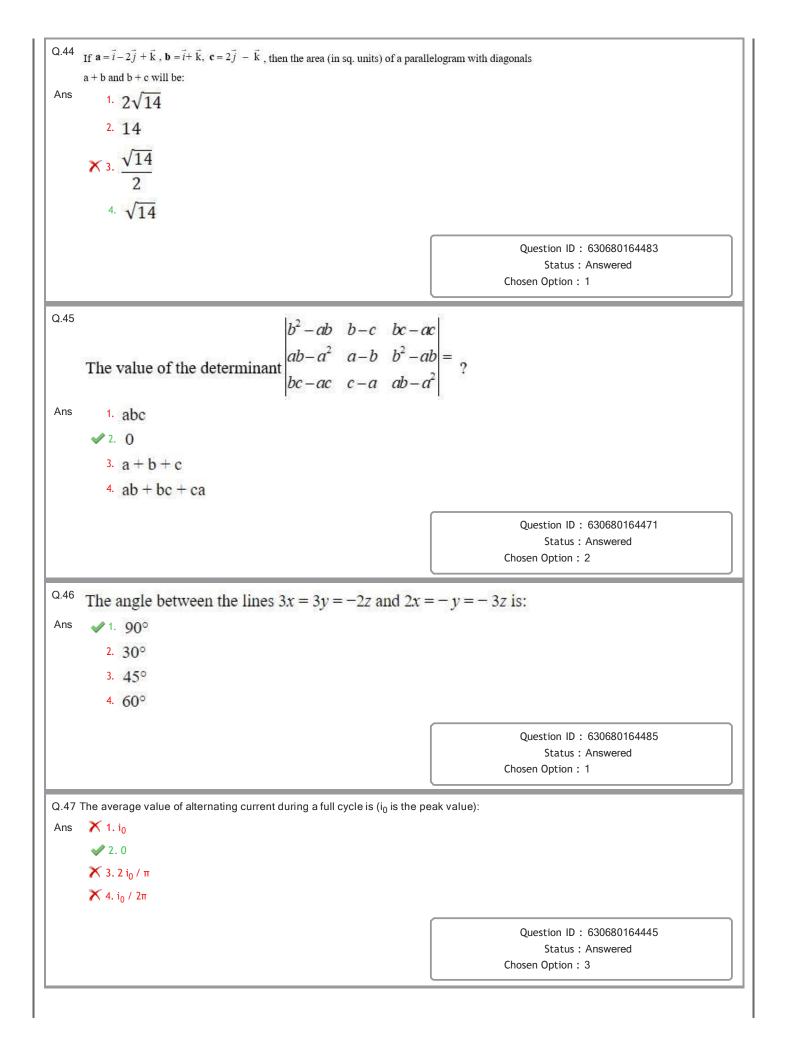


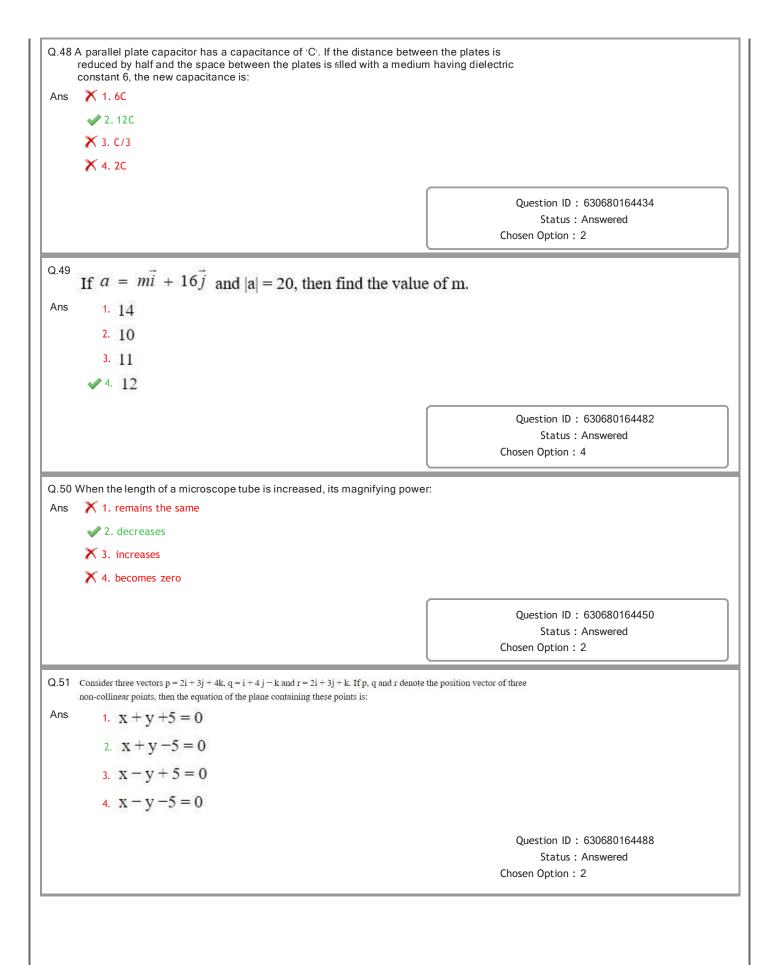


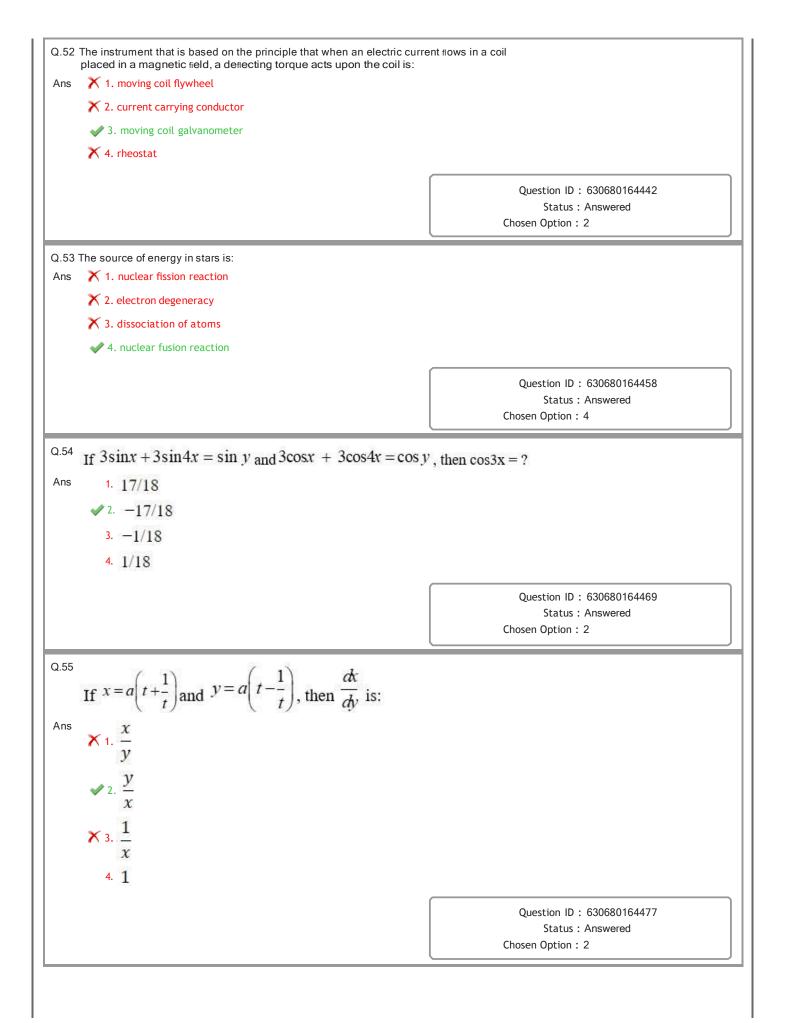


	$m^{-3}$ . After indium is doped, the new hole concentration is electron concentration in the doped silicon is:	
Ans	$1.1.5 \times 10^{16} \mathrm{m}^{-3}$	
	$\times$ 2. 3.0 × 10 <sup>6</sup> m <sup>-3</sup>	
	$\times$ 3. 4.5 × 10 <sup>22</sup> m <sup>-3</sup>	
	$\checkmark$ 4. 5.0 × 10 <sup>9</sup> m <sup>-3</sup>	
	•	
		Question ID : 630680164459
		Status : Answered Chosen Option : 4
ຊ.37	A coin is tossed n times. If the probability of getting at least two heads is g	greater than that of getting at least three tails
	by $\frac{21}{128}$ , then n is:	
Ans	✓ 1. 7	
	2. 6	
	3. 8	
	4. 5	
	4. 5	
		Question ID : 630680164492
		Status : Answered
	The frequency of the electromagnetic wave produced by a (oscillating with frequency $v$ ) is: 1.0	Status : Answered Chosen Option : 1
	(oscillating with frequency v) is:	Status : Answered Chosen Option : 1
	(oscillating with frequency v) is: ★ 1.0 ★ 2. v	Status : Answered Chosen Option : 1
	<pre>(oscillating with frequency v) is:</pre>	Status : Answered Chosen Option : 1
	<pre>(oscillating with frequency v) is:</pre>	Status : Answered Chosen Option : 1 an oscillating charge particle Question ID : 630680164446
	<pre>(oscillating with frequency v) is:</pre>	Status : Answered Chosen Option : 1 an oscillating charge particle Question ID : 630680164446 Status : Answered
	<pre>(oscillating with frequency v) is:</pre>	Status : Answered Chosen Option : 1 an oscillating charge particle Question ID : 630680164446
Ans Q.39	<pre>(oscillating with frequency √) is:</pre>	Status : Answered Chosen Option : 1 an oscillating charge particle Question ID : 630680164446 Status : Answered
Ans Q.39	<pre>(oscillating with frequency v) is:</pre>	Status : Answered Chosen Option : 1 an oscillating charge particle Question ID : 630680164446 Status : Answered
Ans Q.39	<pre>(oscillating with frequency √) is:</pre>	Status : Answered Chosen Option : 1 an oscillating charge particle Question ID : 630680164446 Status : Answered
Ans Q.39	<pre>(oscillating with frequency √) is:</pre>	Status : Answered Chosen Option : 1 an oscillating charge particle Question ID : 630680164446 Status : Answered
Ans	<pre>(oscillating with frequency √) is:</pre>	Status : Answered Chosen Option : 1 an oscillating charge particle Question ID : 630680164446 Status : Answered
Ans Q.39	<pre>(oscillating with frequency √) is:</pre>	Status : Answered Chosen Option : 1 an oscillating charge particle Question ID : 630680164446 Status : Answered Chosen Option : 2
Ans Q.39	<pre>(oscillating with frequency √) is:</pre>	Status : Answered Chosen Option : 1 an oscillating charge particle Question ID : 630680164446 Status : Answered

Q.40 The number of solutions of the matrix equation  $A^2 = \begin{bmatrix} 1 & 1 \\ 2 & 3 \end{bmatrix}$  is: Ans <sup>1</sup>. no solution  $\checkmark$  2. more than 2 3. less than 2 4. exactly 2 Question ID: 630680164473 Status : Answered Chosen Option: 4 Q.41 If  $a\sin^2\theta + b\cos^2\theta = c$ , then  $\tan^2\theta = ?$ Ans  $\times$  1.  $\frac{b-c}{a-c}$  $\checkmark 2. \frac{c-b}{a-c}$  $\times$  3.  $\frac{a-c}{c-b}$  $\times$  4.  $\frac{a-c}{b-c}$ Question ID: 630680164468 Status : Answered Chosen Option: 2 Q.42 Electric conduction in a semiconductor takes place due to: Ans X 1. only electrons X 2. only holes X 3. neither holes nor electrons 4. both holes and electrons Question ID: 630680164460 Status : Answered Chosen Option: 4 Q.43 A 100 W light bulb is able to convert 10% of its power to visible radiation. The average intensity of the visible radiation at a distance of 1 m from the bulb is: Ans X 1. 0.08 W/m<sup>2</sup> 2. 0.8 W/m<sup>2</sup> 🗙 3. 10 W 🗙 4. 8 W/m<sup>2</sup> Question ID: 630680164448 Status : Answered Chosen Option: 2







Q.56 A radioactive nucleus emits 3 alpha particles and 2 positrons. For the resultant nucleus, the ratio of neutrons to protons is (consider the initial nucleus to have atomic number Z and atomic mass A): 🖋 1. (A – Z - 4) / (Z - 8) Ans 🗙 2. (A – Z - 12) / (Z - 4) X 3. (A - Z - 8) / (Z - 4) X 4. (A - Z - 4) / (Z - 2) Question ID: 630680164456 Status : Answered Chosen Option: 3 Q.57 If f(x) = 6 - 5x,  $f: \mathbf{R} \to \mathbf{R}$ , where **R** is a set of all real numbers, then f is: Ans 1. only function 2. only one to one function ✓ 3. one to one and onto function 4. only onto function Question ID: 630680164465 Status : Answered Chosen Option: 3 Q.58 Let  $A = \begin{pmatrix} \alpha & 1 \\ 0 & -1 \end{pmatrix}$  and  $B = \begin{pmatrix} 4 & 1 \\ 0 & 1 \end{pmatrix}$ , such that  $A^2 = B$ , then the value of  $\alpha$  is: Ans 1. -1 2. 1 **v** 3. 2 4. -2 Question ID: 630680164472 Status : Answered Chosen Option: 3 Q.59 For a 100 ohm resistor connected to a 220 V, 50 Hz AC supply, the net power consumed over a full cycle is: 🟋 1. 220 W Ans 🖋 2. 484 W 🗙 3. 4.84 W 🗙 4. 2.20 W Question ID: 630680164443 Status : Answered Chosen Option: 2

