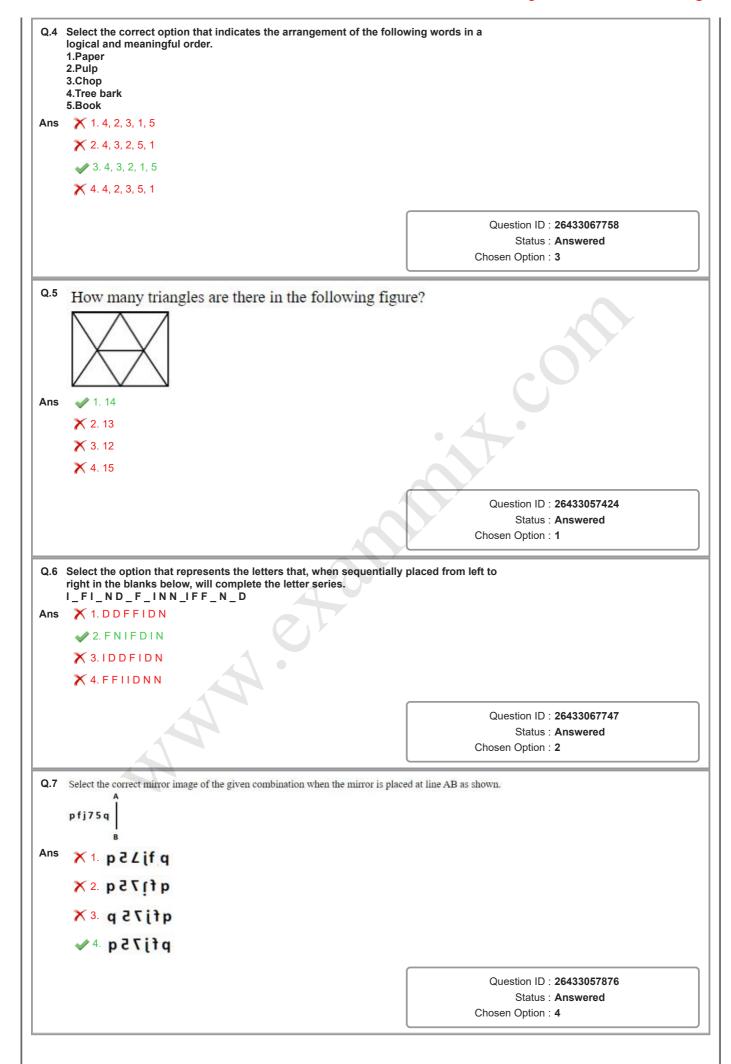
		Contracts Ex	
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		te 15/11/2022	Exam Date
		ne 1:00 PM - 3:00 PM	Exam Time
		Junior Engineer 2022 Elect	Subject
	mmix.com	eneral Intelligence and Reasoning	Section : General Intelligence
	n words in the	quaintance knowledge quisition quittal rimonious 1. 3, 2, 4, 1, 5, 6 2. 2, 3, 1, 4, 5, 6 3. 2, 3, 4, 1, 5, 6	 Q.1 Select the option that i order they appear in an 1. Acquiescent 2. Acquaintance 3. Acknowledge 4. Acquisition 5. Acquittal 6. Acrimonious Ans x 1. 3, 2, 4, 1, 5, 6 x 2. 2, 3, 1, 4, 5, 6 x 3. 2, 3, 4, 1, 5, 6 x 4. 3, 2, 1, 4, 5, 6
	is written as	2. LSDM 3. LTDN	 KWDE'. How will 'LAN Ans X 1. LSCN 2. LSDM 3. LTDN 4. LSDN
	Question ID : 26433056655 Status : Answered Chosen Option : 4		
	aw is my wife." How	3. Sister's husband	is Sam related to the m
1	Question ID : 26433069068		
068	Status : Answered		
	Chosen Option : 2		
	Status : Answered	2. Brother 3. Sister's husband	2. Brother3. Sister's husbance

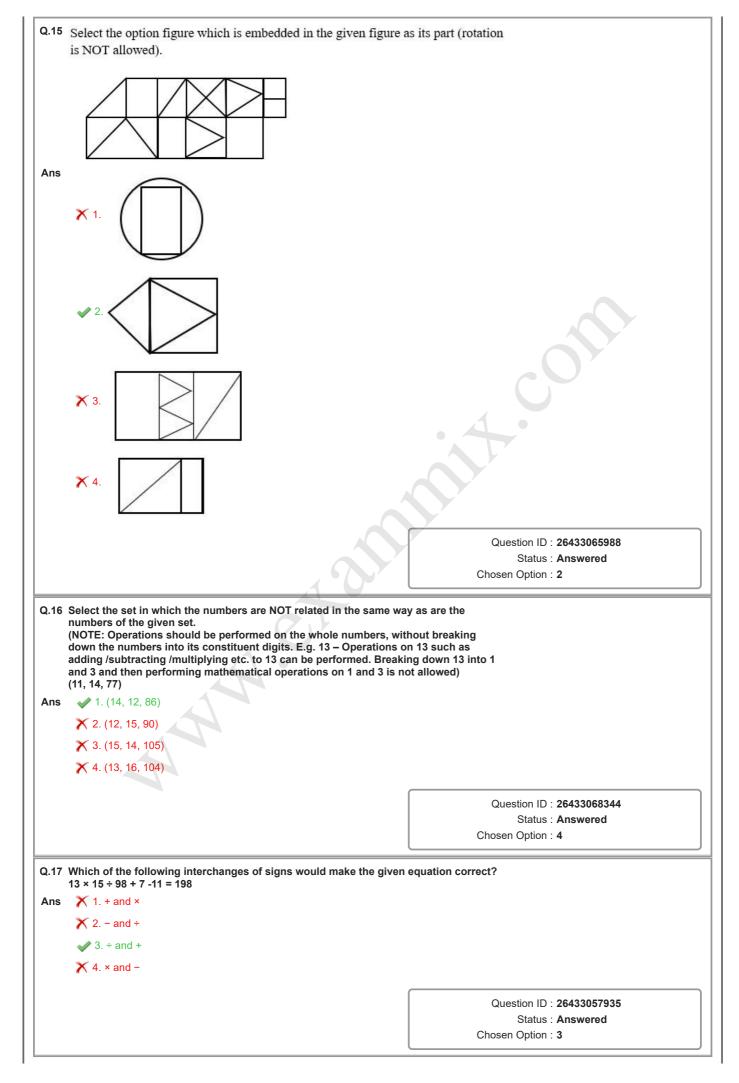


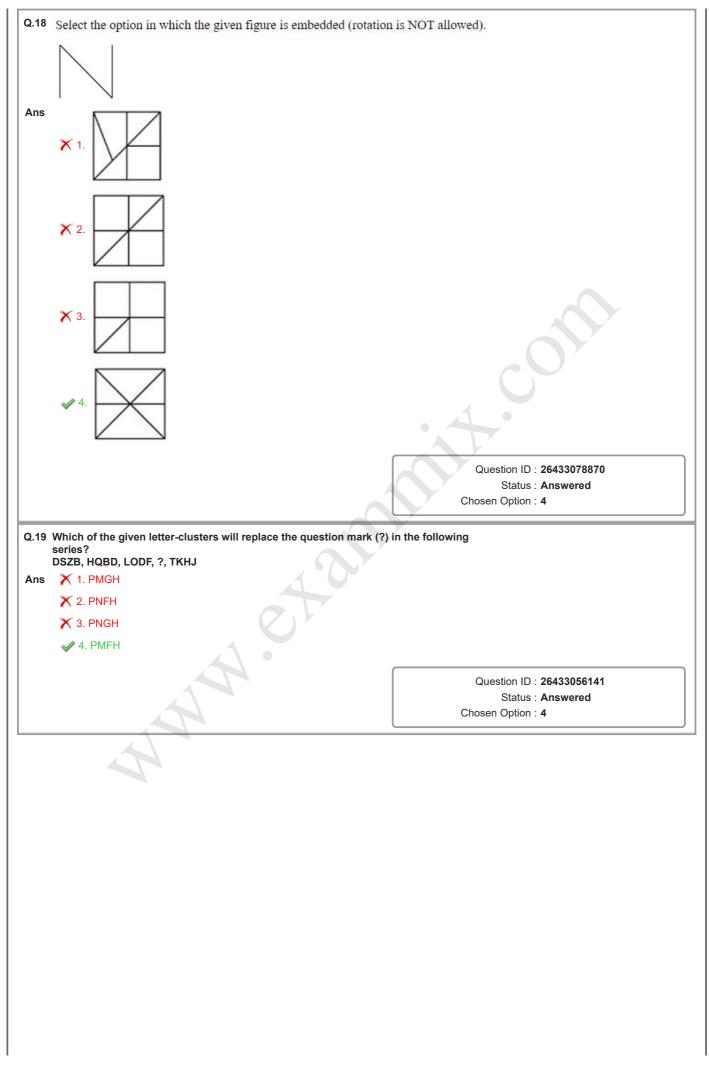
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Q.8 Eight people, A, B, C, D, E, F, G, and H are seated in a row, facing north. Only 2 people sit to the right of G. Only three people sit between B and G. E sits fourth to the left of C, and is an immediate neighbour of both B and A. D is not an immediate neighbour of B. D sits third to the right of H. Who sits at the extreme right end of the row? Ans 🗙 1. F 🗙 2. H 🗙 З. В 🥜 4. D Question ID : 26433068370 Status : Answered Chosen Option : 4 Q.9 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term. 12:154::20:?::32:1034 Ans 🗙 1. 415 X 2. 525 🗙 3. 320 orgy 4. 410 🕜 Question ID : 26433067518 Status : Answered Chosen Option : 4 Q.10 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.) Architect : Design :: Farmer : ? 🛷 1. Crop Ans 🗙 2. Farm X 3. Tractor X 4. Agriculture Question ID : 26433067351 Status : Answered Chosen Option : 4 Q.11 If A denotes '+', B denotes 'x', C denotes '-', and D denotes '÷', then what will come in place of '?' in the following equation? . (89 C 8) B ? D 81 = 729 Ans X 1.81 2.729 🗙 3. 89 🗙 4. 9 Question ID : 26433067662 Status : Answered Chosen Option : 2

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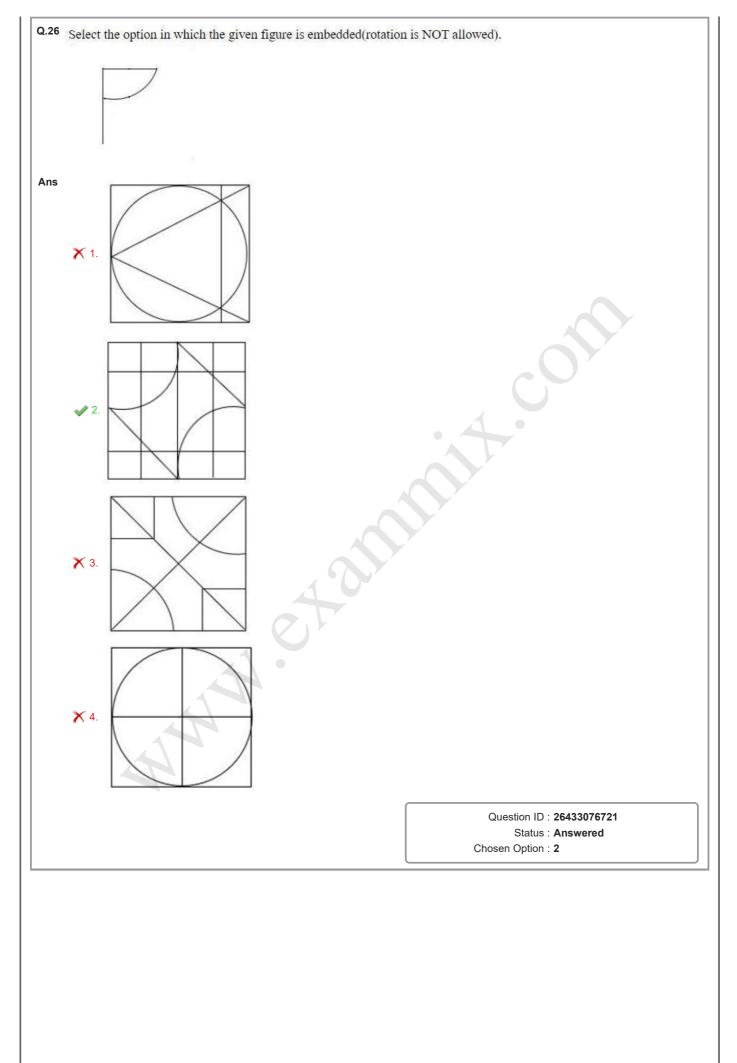
Q.12 If + means ×, - means ÷, × means -, and ÷ means of the following?	ans +, then what will be the value
$\frac{(30 \times 5) - 5 \times 5}{4 + 9 \times 2 + 18 \div 1} = ?$	
Ans v 1.0	
× 2.3	
× 3.1	
× 4.2	
	Question ID : 26433082774
	Status : Answered Chosen Option : 1
 Q.13 Select the option that is related to the fifth term in t related to the first term and the fourth term is related 48 CAN : 12 EET :: 52 MUG : 7 OYM :: 35 BOX : ? Ans X 1.8DTD 	
× 2. 15DSD	
× 3. 8DSC	
✓ 4. 8DSD	
▼	
	Question ID : 26433067393
	Status : Marked For Review Chosen Option : 4
 2. 7 km South 3. 4 km West 4. 6 km East 	
	Question ID : 26433068162 Status : Answered Chosen Option : 3

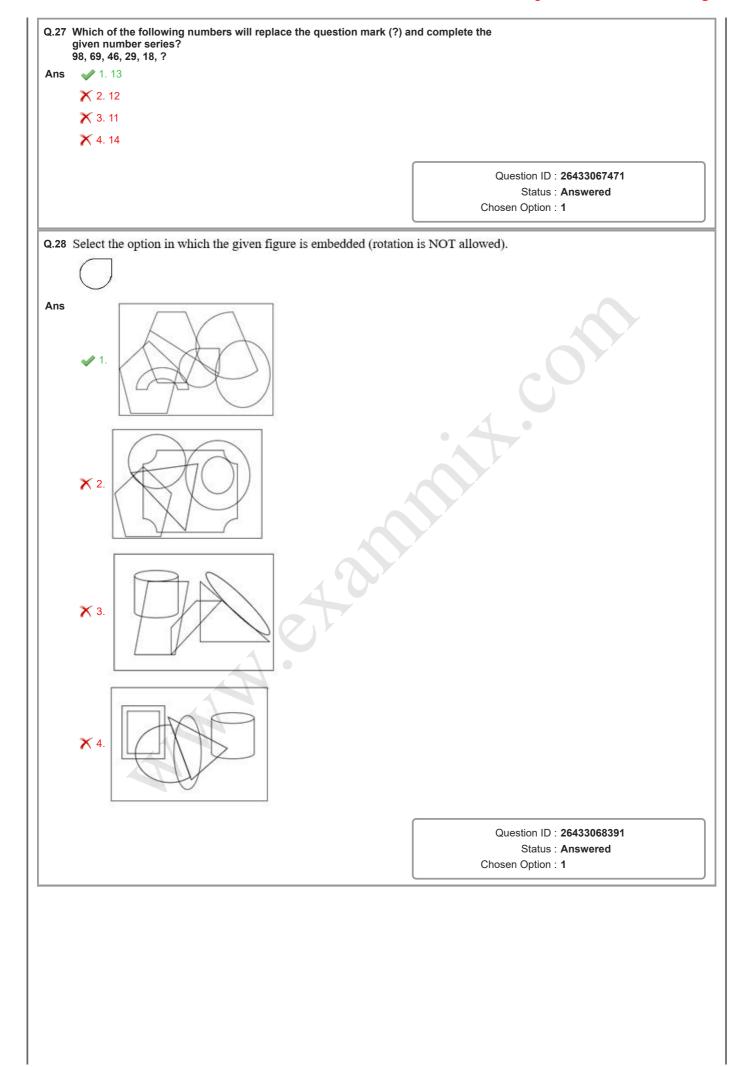




	Select the option that is embedded in the given figure (otation is NOT allowed).
Ans	X 1.	
	★ 2.	
	🗙 3.	
	✓ 4.	
		Question ID : 26433058100 Status : Answered Chosen Option : 4
Q.21	Select the option that represents the letters that when place	d from left to right in the
	blanks below will complete the letter series. S_RQ_O_VP_S_RQ_OSV_Q_O	
Ans	S_RQ_O_VP_S_RQ_OSV_Q_O X 1. VPSROQVPRP	
	S_RQ_O_VP_S_RQ_OSV_Q_O X 1. VPSROQVPRP X 2. VPRSQOVPRP	
	S_RQ_O_VP_S_RQ_OSV_Q_O X 1. VPSROQVPRP X 2. VPRSQOVPRP X 3. VPSRQOPVRP	
	S_RQ_O_VP_S_RQ_OSV_Q_O X 1. VPSROQVPRP X 2. VPRSQOVPRP	
	S_RQ_O_VP_S_RQ_OSV_Q_O X 1. VPSROQVPRP X 2. VPRSQOVPRP X 3. VPSRQOPVRP	Question ID : 26433059877
	S_RQ_O_VP_S_RQ_OSV_Q_O X 1. VPSROQVPRP X 2. VPRSQOVPRP X 3. VPSRQOPVRP	
Ans Q.22	S_RQ_O_VP_S_RQ_OSV_Q_O X 1. VPSROQVPRP X 2. VPRSQOVPRP X 3. VPSRQOPVRP	Question ID : 26433059877 Status : Answered Chosen Option : 4
Ans Q.22	S_RQ_O_VP_S_RQ_OSV_Q_O X 1. VPSROQVPRP X 2. VPRSQOVPRP X 3. VPSRQOPVRP 4. VPSRQOVPRP Select the option that is related to the third term in the same related to the first term and the sixth term is related to the fi	Question ID : 26433059877 Status : Answered Chosen Option : 4
Ans Q.22	S_RQ_O_VP_S_RQ_OSV_Q_O X 1. VPSROQVPRP X 2. VPRSQOVPRP X 3. VPSRQOPVRP 4. VPSRQOVPRP Select the option that is related to the third term in the same related to the first term and the sixth term is related to the fi 596 : 461 :: 819 : ? :: 754 : 619	Question ID : 26433059877 Status : Answered Chosen Option : 4
Ans Q.22	 S_RQ_O_VP_S_RQ_OSV_Q_O X 1. VPSRQQVPRP X 2. VPRSQOVPRP X 3. VPSRQOPVRP ✓ 4. VPSRQOVPRP ✓ 4. VPSRQOVPRP ✓ 58000000000000000000000000000000000000	Question ID : 26433059877 Status : Answered Chosen Option : 4
Ans Q.22	S_RQ_O_VP_S_RQ_OSV_Q_O 1. VPSROQVPRP 2. VPRSQOVPRP 3. VPSRQOPVRP 4. VPSRQOVPRP 5. 4. VPSRQOVPRP 5. 461 :: 819 : ? :: 754 : 619 1. 676 2. 684	Question ID : 26433059877 Status : Answered Chosen Option : 4
Ans Q.22	 S_RQ_O_VP_S_RQ_OSV_Q_O X 1. VPSRQQVPRP X 2. VPRSQOVPRP X 3. VPSRQOPVRP ✓ 4. VPSRQOVPRP ✓ 4. VPSRQOVPRP ✓ 58000000000000000000000000000000000000	Question ID : 26433059877 Status : Answered Chosen Option : 4
Ans Q.22	 S_RQ_O_VP_S_RQ_OSV_Q_O X 1. VPSRQQVPRP X 2. VPRSQOVPRP X 3. VPSRQOPVRP ✓ 4. VPSRQOVPRP ✓ 4. VPSRQOVPRP ✓ 58000000000000000000000000000000000000	Question ID : 26433059877 Status : Answered Chosen Option : 4
Ans Q.22	 S_RQ_O_VP_S_RQ_OSV_Q_O X 1. VPSRQQVPRP X 2. VPRSQOVPRP X 3. VPSRQOPVRP ✓ 4. VPSRQOVPRP ✓ 4. VPSRQOVPRP ✓ 58000000000000000000000000000000000000	Question ID : 26433059877 Status : Answered Chosen Option : 4 way as the second term is fth term. Question ID : 26433057580
Ans Q.22	 S_RQ_O_VP_S_RQ_OSV_Q_O X 1. VPSRQQVPRP X 2. VPRSQOVPRP X 3. VPSRQOPVRP ✓ 4. VPSRQOVPRP ✓ 4. VPSRQOVPRP ✓ 58000000000000000000000000000000000000	Question ID : 26433059877 Status : Answered Chosen Option : 4 way as the second term is with term. Question ID : 26433057580 Status : Answered
Ans Q.22	 S_RQ_O_VP_S_RQ_OSV_Q_O X 1. VPSRQQVPRP X 2. VPRSQOVPRP X 3. VPSRQOPVRP ✓ 4. VPSRQOVPRP ✓ 4. VPSRQOVPRP ✓ 58000000000000000000000000000000000000	Question ID : 26433059877 Status : Answered Chosen Option : 4 way as the second term is with term. Question ID : 26433057580 Status : Answered
Ans Q.22	 S_RQ_O_VP_S_RQ_OSV_Q_O X 1. VPSRQQVPRP X 2. VPRSQOVPRP X 3. VPSRQOPVRP ✓ 4. VPSRQOVPRP ✓ 4. VPSRQOVPRP ✓ 58000000000000000000000000000000000000	Question ID : 26433059877 Status : Answered Chosen Option : 4 way as the second term is with term. Question ID : 26433057580 Status : Answered

Q.23 Mr. Ramesh has a sister named Mrs. Kamlesh. Mrs. Kamlesh has two kids named Mr. Luv and Mr. Kush. Mr. Kush's father's wife's mother is Mrs. Rupa. Mrs. Rupa's daughter is Ms. Rekha. Mrs. Kamlesh is Ms. Rekha's Ans 1. sister X 2. mother's mother X 3. mother 🗙 4. daughter Question ID : 26433070338 Status : Answered Chosen Option : 1 Q.24 Select the combination of letters, which when sequentially placed in the blanks of the given series, will complete the series. ACB__EPR__ZY Ans 🕜 1. DFQX 🗙 2. FKQX 🗙 3. DGXQ 🗙 4. FJQX Question ID : 26433067489 Status : Answered Chosen Option : 1 Q.25 In a code language, 'shall we dance today' is written as 'ned bin tru pat', 'we sing and dance' is written as 'sid pat cam ned', 'sing a song together' is written as 'zig fah rip sid'. What is the code for the word 'and' in this language? Ans 🛷 1. cam 🗙 2. ned 🗙 3. sid 🗙 4. pat Question ID : 26433056765 Status : Answered Chosen Option : 1





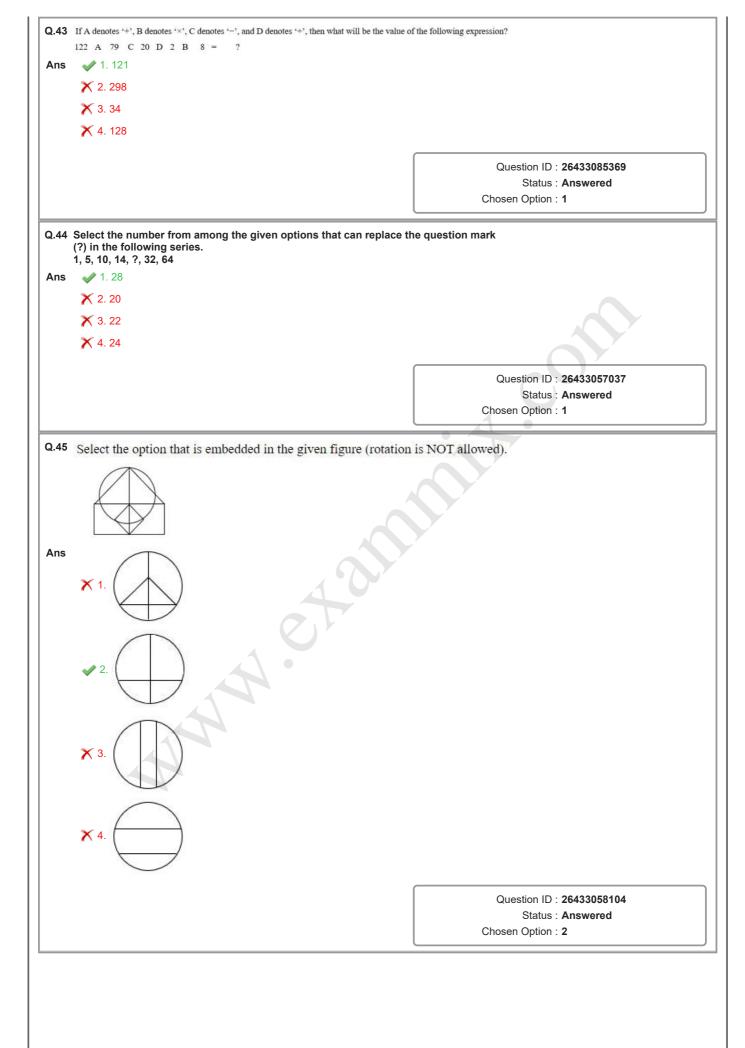
	_FD_H_E_DC_AE_DC_A_FDA	
Ins		
	X 2. ECAHFFHECH	
	V 3. ECAFHFHECH	
	X 4. EACFHHFECH	
		Question ID : 26433059875
		Status : Answered
		Chosen Option : 3
2.30	A, B, C, D, E, F, and G are seven students sitting around a circula centre. G is second to the left of D and is the immediate neighbor the immediate neighbour of C and E. A is the immediate neighbor the immediate neighbour of E and A both?	our of E and F. D is not
ns	✔ 1. C	
	🗙 2. В	
	🗙 3. F	
	🗙 4. G	
		Question ID : 26433068075 Status : Answered
		Chosen Option : 1
Ans	1. USA 2. Switzerland 3. Australia 4. India 5. China \checkmark 1. 5, 1, 4, 2, 3 \checkmark 2. 5, 4, 1, 3, 2 \bigstar 3. 1, 5, 4, 3, 2 \bigstar 4. 1, 5, 4, 2, 3	
		Question ID : 26433068051 Status : Answered
		Chosen Option : 2
.32 Ans	Select the option that is related to the third word in the same wa is related to the first word. (The words must be considered as m words and must not be related to each other based on the numb consonants/vowels in the word.) Thunder : Roar :: Rain : ? 1. Cloud	eaningful English
	2. Patter	
	X 3. Lightening	
	× 4. Mud	
	A H Muu	
		Question ID : 26433067390 Status : Marked For Review
		Chosen Option : 2
		Chosen Option : 2
		Chosen Option : 2

I

Q.33	In this question, three statements are given, followed by three co	onclusions numbered
	I, II and III. Assuming the statements to be true, even if they seer with commonly known facts, decide which of the conclusion(s) I the statements.	m to be at variance
	Statements: Some lights are fans. All fans are switches. All wires are lights.	
	Conclusions: I. All wires are fans. II. Some wires are switches. III. Some lights are switches.	
Ans	1. Only conclusions I and III follow.	
	X 2. Only conclusions II and III follows.	
	X 3. Only conclusion I follows.	
	4. Only conclusion III follows.	
		Question ID : 26433057851
		Status : Answered Chosen Option : 4
Q.34	Select the option that is related to the third number in the same number is related to the first number and the sixth number is rel	
	number.	
A	53 : 2915 :: 69 : ? :: 64 : 4224	
Ans	× 1.4765	
	2.5015	
	✗ 3. 4924	
	✓ 4. 4899	
		Question ID : 26433067909
		Question ID : 26433067909 Status : Answered
Q.35	Two statements are given, followed by two conclusions numbered	Status : Answered Chosen Option : 4
	Two statements are given, followed by two conclusions numbers the statements to be true, even if they seem to be at variance wit facts, decide which of the conclusions logically follow(s) from the Statements: Some cars are vans. Some cars are trucks. Conclusions: I. Some cars are trucks. II. All trucks are vans. 1. Only conclusion II follows 2. Only conclusion I follows 3. Neither conclusion I nor II follows 4. Both conclusions I and II follow	Status : Answered Chosen Option : 4 ed I and II. Assuming th commonly known
Q.35	the statements to be true, even if they seem to be at variance wit facts, decide which of the conclusions logically follow(s) from the Statements: Some cars are vans. Some vans are trucks. Conclusions: I. Some cars are trucks. II. All trucks are vans. 1. Only conclusion I follows 2. Only conclusion I follows 3. Neither conclusion I nor II follows	Status : Answered Chosen Option : 4 ed I and II. Assuming th commonly known
	the statements to be true, even if they seem to be at variance wit facts, decide which of the conclusions logically follow(s) from the Statements: Some cars are vans. Some vans are trucks. Conclusions: I. Some cars are trucks. II. All trucks are vans. 1. Only conclusion I follows 2. Only conclusion I follows 3. Neither conclusion I nor II follows	Status : Answered Chosen Option : 4 ed I and II. Assuming th commonly known he statements.

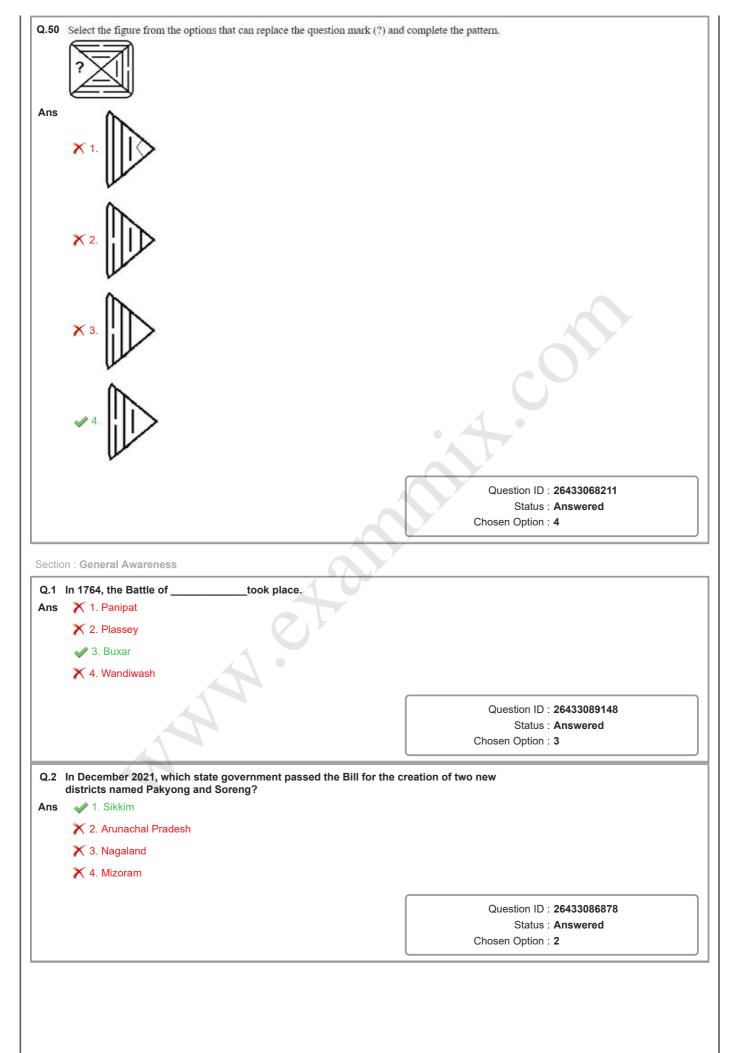
	consonants/vowels in the wo Monotony : Variety :: Chaos				
ns	✔ 1. Peace				
	🗙 2. Disturbing				
	🗙 3. Problem				
	🗙 4. Struggle				
.37	A paper is folded and c	cut as shown. How w	ill it appear when	n unfolded?	
20					
Ans	X 1				
	★ 2.				
	✓ 3.				
	X 4		2 Cr		
				Question ID : 264330	68492
				Status : Answe	red
		O'		Chosen Option : 3	
	Ronny starts from Point A ar turn, drives 12.75 km, turns i drives 2.25 km. He takes a fii and towards which direction turns are 90 degree turns on 1. 10.25 km, north 2. 10.5 km, west 3. 10.25 km, west 4. 10.5 km, north	right and drives 15 km. H inal right turn, drives 4.75 n should he now drive in a	le then takes a right km and stops at Po	takes a right turn and int P. How far	
	turn, drives 12.75 km, turns i drives 2.25 km. He takes a fin and towards which direction turns are 90 degree turns on 1. 10.25 km, north 2. 10.5 km, west 3. 10.25 km, west	right and drives 15 km. H inal right turn, drives 4.75 n should he now drive in a	le then takes a right km and stops at Po	takes a right turn and int P. How far	68584
	turn, drives 12.75 km, turns i drives 2.25 km. He takes a fin and towards which direction turns are 90 degree turns on 1. 10.25 km, north 2. 10.5 km, west 3. 10.25 km, west	right and drives 15 km. H inal right turn, drives 4.75 n should he now drive in a	le then takes a right km and stops at Po	takes a right turn and int P. How far A again? (All	

Ans	as 'XRLBFK'.How will 'SECTOR' be written in that language?		
	X 2. ROGXUH		
	✓ 3. ILTCVH		
	X 4. IMTCVH		
		Question ID : 26433056664	
		Status : Answered Chosen Option : 3	
Q.40	Select the option that will replace the question mark (?) i	n the following number series.	
	100, 60, 40, 30, ?		
Ans	✓ 1.25		
	X 2. 75		
	🗙 3. 60		
	🗙 4. 45		
		Question ID : 26433068245 Status : Answered	
		Chosen Option : 1	
).41	Select the option that indicates the correct arrangement	of the given words in the	
	order they appear in an English dictionary. 1. Conscript		
	2. Consecrate		
	3. Consign 4. Consequent		
	5. Conserve 6. Conscious		
Ans			
	× 2. 6, 1, 4, 2, 5, 3		
	X 3. 1, 6, 4, 2, 3, 5		
	X 4. 1, 6, 2, 4, 5, 3		
	N H , H , U , Z , H , U , U		
		Question ID : 26433068257	
		Status : Answered	
		Chosen Option : 1	
		Dissident the set of Alia	
Į.42	A, B, C, D, E, F and G are seven sisters of different ages. younger than only F and D. G is older than E. How many	sisters is E younger than?	
٩ns	✓ 1.4		
	★ 2.3		
	★ 3.2		
	X 4.5		
		Question ID : 26433068760	
		Status : Answered	
		Status : Answered	



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lead the ention that is veloted to the fifth form in the same way a	a the eccend term is
elect the option that is related to the fifth term in the same way a lated to the first term and the fourth term is related to the third t ACKAL: LAKCAJ :: MENTOR : ROTNEM :: CRAZINESS : ?	
1. SSEINAZRC	
2. SSENZIARC	
X 3. SSENAIZRC	
	Question ID : 26433055925
	Status : Answered
	Chosen Option : 4
elect the set in which the numbers are related in the same way a	s are the numbers of
e given sets.	without breaking
own the numbers into its constituent digits. E.g. 13 - Operations	on 13 such as
Iding /subtracting /multiplying etc. to 13 can be performed. Brea	not allowed.)
5, 81, 104) 2, 88, 111)	
× 1. (54, 90, 110)	
× 2. (27, 59, 82)	
✓ 3. (49, 85, 108)	
	Question ID : 26433057076
	Status : Answered
	Chosen Option : 3
X 2. YZYXFH X 3. ZYZFXH X 4. ZYZXHF	
	Question ID : 26433059881
	Status : Answered
	Chosen Option : 1
elect the option that indicates the correct arrangement of the give	en words in a logical
nd meaningful order. Book	·
Library	
Library Paragraph Chapter Word	
Library Paragraph Chapter Word 1. 5,2,4,1,3	
Library Paragraph Chapter Word 1. 5,2,4,1,3 2. 2,1,4,3,5	
Library Paragraph Chapter Word 1. 5,2,4,1,3 2. 2,1,4,3,5 3. 1,4,2,5,3	
Library Paragraph Chapter Word 1. 5,2,4,1,3 2. 2,1,4,3,5	
Library Paragraph Chapter Word 1. 5,2,4,1,3 2. 2,1,4,3,5 3. 1,4,2,5,3	Question ID - 26432070224
Library Paragraph Chapter Word 1. 5,2,4,1,3 2. 2,1,4,3,5 3. 1,4,2,5,3	Question ID : 26433070321 Status : Answered
Library Paragraph Chapter Word 1. 5,2,4,1,3 2. 2,1,4,3,5 3. 1,4,2,5,3	
	 (1. SSEINAZRC (2. SSENZIARC (3. SSENAIZRC (4. SSENIZARC (4. SSENIZARC (5. SSENIZARC (6. SSENIZARC (7. SSENIZARC



	 2. New Zealand 3. Pakistan 4. Pargladach 	
	X 4. Bangladesh	Question ID : 26433072910
		Status : Answered Chosen Option : 2
.4 ns	Which of the following is described as the 'Soul of the Constitution' X 1. Fundamental Rights	?
	X 2. Directive Principles of State Policy	
	✓ 3. Preamble	
	X 4. Fundamental Duties	
		Question ID : 26433086775
		Status : Answered Chosen Option : 3
).5 .ns	What is Raymond L Lindeman well known for doing in 1942?	. 1.
	2. Studying ecological succession	
	X 3. Coining the term 'ecology'	
	 ✓ 4. Pioneering the concept of 'trophic dynamics in ecology' 	
		Question ID : 26433055132
		Status : Marked For Review Chosen Option : 4
	What is the loss of water from plants is known as?	
ns	X 1. Evaporation	
	2. Transpiration	
	 X 3. Herbigation X 4. Plant saturation 	
		Question ID : 264330100692
		Status : Answered Chosen Option : 2
).7 .ns	Select the correct statement with reference to group Angiosperm. X 1. Angiosperms are also called non-flowering plants.	
	imes 2. It is a minor group of kingdom Plantae having only 300 species.	
	✗ 3. Angiosperm are seedless plants.	
	\checkmark 4. It is the largest and most diverse group in the kingdom Plantae.	
		Question ID : 26433064136
		Status : Answered
		Chosen Option : 1

Q.8 In a vernier caliper, a retainer is used to: X 1. measure the internal diameter of an object Ans 2. block a movable part to allow the easy transferring of a measurement X 3. find depth measurements 🗙 4. measure external lengths possible Question ID : 26433064049 Status : Answered Chosen Option : 2 Q.9 Out of the five tributaries of the Indus which are called 'Panchnad', which of the following completely drains the Indian territory unlike others which enter Pakistan? 🗙 1. Ravi Ans X 2. Jhelum 🗙 3. Satluj 🥒 4. Beas Question ID : 26433055321 Status : Answered Chosen Option : 1 Q.10 How many fundamental duties were originally listed in the Constitution? Ans 🗙 1. 12 X 2. 13 🗙 3. 11 **V** 4. 10 Question ID : 26433064817 Status : Answered Chosen Option : 4 Q.11 Who was the first Indian woman Odissi dancer to be awarded the Padma Vibhushan? Ans 🗙 1. Shovana Narayana 🗙 2. Sitara Devi 🛷 3. Sonal Mansingh 🗙 4. Rukmini Devi Arundale Question ID : 26433071637 Status : Answered Chosen Option : 3 Q.12 The Doongri festival is primarily celebrated in the state of _ X 1. Andhra Pradesh Ans X 2. Arunachal Pradesh 3. Himachal Pradesh 🗙 4. Uttar Pradesh Question ID : 26433064337 Status : Answered Chosen Option : 3

	Consider the deltas of the following rivers. Arran 1) Mahanadi				
	2) Krishna 3) Kaveri				
	4) Godavari				
Ans	5) Ganga – Brahmaputra X 1. 3-4-1-2-5				
4115					
	★ 2.5-4-3-2-1				
	✗ 3. 3-4-2-1-5				
	✓ 4. 3-2-4-1-5				
		Question ID : 26433092851 Status : Answered			
		Chosen Option : 4			
≀.14	Identify the option that is NOT an actual season i	n India according to meteorologists.			
Ins	✓ 1. The westerlies season				
	leph 2. The southwest monsoon season				
	X 3. The cold weather season				
	🗙 4. The retreating monsoon season				
		Question ID : 26433064773			
		Status : Answered			
		Chosen Option : 1			
2.15	Identify the primary sector of the economy from	the following options.			
Ans	X 1. Banking				
	× 2. Industry				
	X 3. Tourism				
	 4. Agriculture 				
		Question ID : 264330100714			
		Status : Answered			
		Chosen Option : 4			
	Which of the following pairs is correctly matched	1?			
Ans	X 1. Vitamin B – Lemon				
	🗙 2. Vitamin C – Green vegetables				
	✔ 3. Vitamin A – Lamb liver				
	🗙 4. Vitamin A – Lemon				
		Question ID : 26433054049			
		Status : Answered			
		Chosen Option : 1			
),17	In 1884, who published the Climate Classification	n System, which classifies climate			
	zones around the world on the basis of local veg	etation?			
Ans	🗙 1. Rudolf Geiger				
	🛷 2. Wladimir Koppen				
	🗙 3. S Bronnimann				
	¥ 4. E Volken				
	• • • • • • • • • • • • • • • • • • •				
		Question ID : 26433055818			
		Question ID : 26433055818 Status : Answered			

	The tableau of which of the following states was gi Republic Day parade, 2022?	
Ins	🗙 1. Gujarat	
	🗙 2. Punjab	
	🗙 3. Maharashtra	
	✔ 4. Uttar Pradesh	
		Question ID : 26433064326
		Status : Answered
		Chosen Option : 4
0.19 Ans	Explain how the second period starts with lithium. \times 1. When the third electron enters the 2p orbital	
	\checkmark 2. When the third electron enters the 2s orbital	
	\mathbf{X} 3. When the second electron enters the 2p orbita	al
	\mathbf{X} 4. When the second electron enters the 2s orbita	
		Question ID : 264330100050
		Status : Answered
		Chosen Option : 1
.20	In which year was the first population census cond	ducted in India after independence?
ns	X 1. 1948	
	X 2. 1949	
	X 3. 1950	
	✓ 4. 1951	
	•	
		Question ID : 26433089242
		Status : Answered
		Chosen Option : 4
	T.H. Vinayakram received the Grammy award for h Album titled in the category of Best M Ghatam and Morsing.	
Ans	X 1. Mysterium Tremendum	
	✓ 2. Planet of Drum	
	X 3. At the Edge	
	X 4. Rolling Thunder	
	4. Rolling Hunder	
		Question ID : 26433054469
		Status : Answered
		Chosen Option : 3
	Which scientist made the first observations on pla similar triads of elements which led to the develop elements?	
ns	X 1. Mendeleev	
	 2. Döbereiner 	
	X 3. Newton	
	X 4. Newlands	
	-	
		Question ID : 26433064741
		Status : Answered
		Chosen Option : 1

Q.23 Ans	 Which of the following is NOT a quantitative method of credit control? X 1. Change in CRR 			
A113	2. Open market operations			
	3. Moral suasion			
	X 4. Bank rate			
		Question ID : 26433065425		
		Status : Not Attempted and Marked For Review		
		Chosen Option :		
0 24	Which of the following is a demerit of the barter system?			
Ans	X 1. Division of goods			
	✓ 2. Problem of storage			
	X 3. Common unit of measurement			
	X 4. Double coincidence of wants			
		Question ID : 26433064857		
		Status : Answered		
		Chosen Option : 3		
	40°C is equal to how many degrees on the Fahrenheit Scale?			
Ans	X 1.40			
	X 2. 84			
	✓ 3. 104			
	X 4. 60			
		Question ID : 264330100703		
		Status : Answered Chosen Option : 3		
Q.26	Who among the following became the first woman, and only the thi	rd cricketer ever, to		
	appear at six ICC Women's Cricket World Cups in March 2022?			
Ans	🗙 1. Shafali Verma			
	X 2. Harmanpreet Kaur			
	🗙 3. Smriti Mandhana			
	🛹 4. Mithali Raj			
		Question ID : 26433072908		
		Status : Answered Chosen Option : 4		
Q.27	Weathering leads to formation of			
Ans	X 1. clouds			
	2. soil			
	X 3. icebergs			
	X 4. cyclones			
		Question ID : 264330100744		
		Status : Answered		
		Chosen Option : 2		

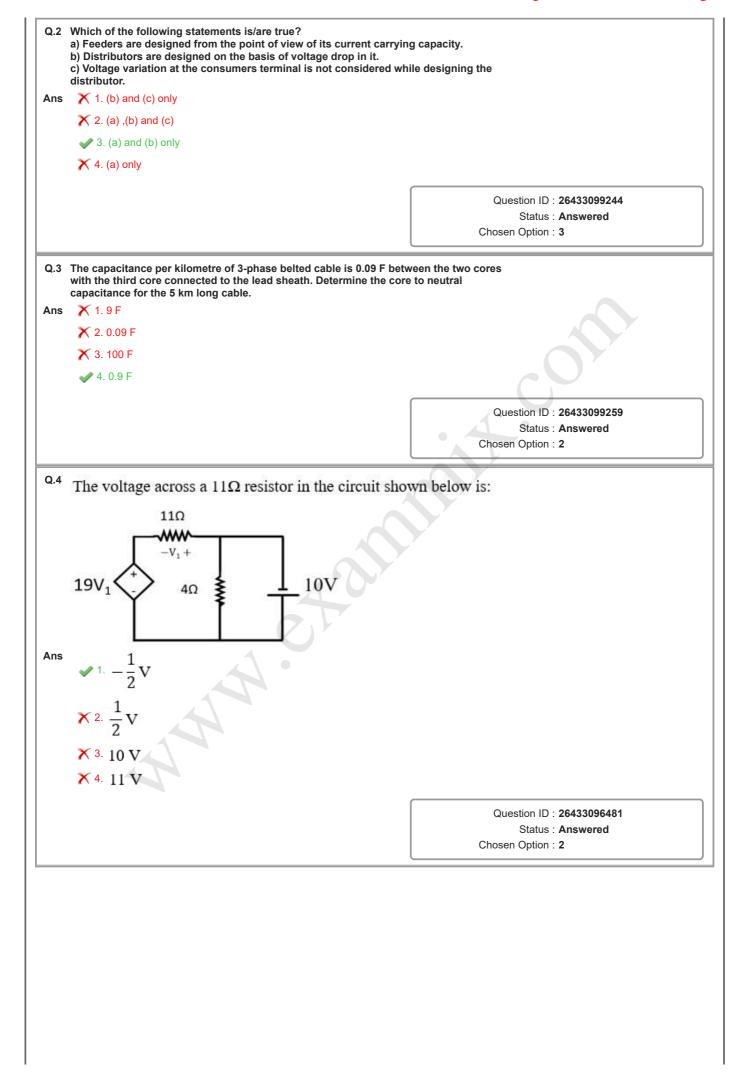
0.28 Which phylum of the Kingdom Animalia exhibits an organ-system le and has a mantle or mass of soft flesh that envelops the soft body a internal organs?		
Ans X 1. Phylum Ctenophora		
🗙 2. Phylum Coelenterata		
🗙 3. Phylum Porifera		
✓ 4. Phylum Mollusca		
•		
	Question ID : 20	
	Status : A	nswered
	Chosen Option : 4	
2.29 In 1705, which scientist published 'A Synopsis of the Astronomy of described the parabolic orbits of 24 comets that were observed from		
Ans V 1. Edmund Halley		
🗙 2. Galileo Galilei		
🗙 3. Johannes Kepler		
🗙 4. Giovanni Cassini		
		499055754
	Question ID : 20 Status : A	
	Chosen Option : 3	
a.30 Which of the following is a sports term popularly used in Athletics?		
Ans 🗙 1. Put out		
🗙 2. Smash		
🗙 3. Homerun		
🗸 4. Photo finish		
	Question ID : 20	
	Status : A	nswered
	Chosen Option : 1	
0.31 Where were the 2022 Winter Olympic Games held?		
Ans 🗙 1. Tokyo		
🖌 2. Beijing		
X 3. London		
X 4. Moscow		
A. MOSCOW		
	Question ID : 20	64330100742
	Status : A	
	Chosen Option : 2	
-		
0.32 According to the Census of India 2011, which of the following group territories has the highest literacy rate?	s of union	
Ans χ 1. Delhi and Chandigarh		
X 2. Delhi and Lakshadweep		
X 3. Chandigarh and Andaman & Nicobar		
4. Lakshadweep		
		4220400027
	Question ID : 20 Status : A	
	Chosen Option : 4	

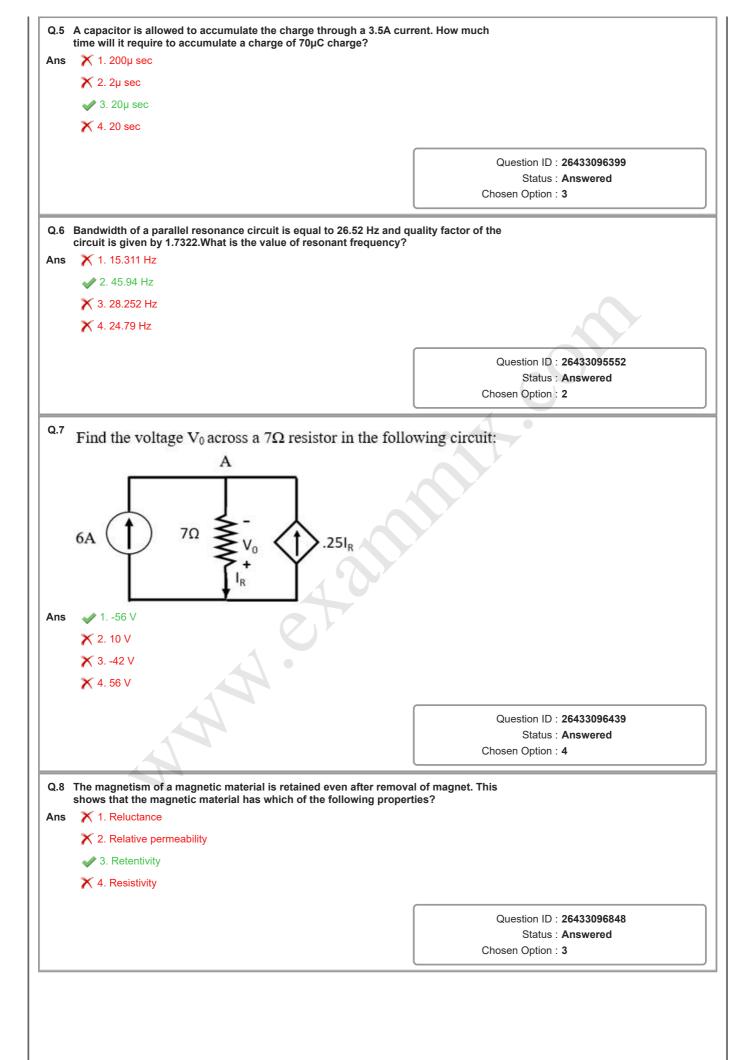
ns 🛛 🗙 1. 9)4	
X 2. 1	25	
X 3. 1	102	
✔ 4. [•]	101	
		Question ID : 26433089261
		Status : Answered Chosen Option : 2
Q.34 What ty	pe of forest resources are found in Arbari Forest range in	West Bengal known
	ervation?	
	Chir pine	
🗙 2. E		
🗙 3. k	Khair	
🛷 4. S	Sal	
		Question ID : 264330100026 Status : Not Answered
		Chosen Option :
	of the following universities won the Maulana Abul Kalam	Azad (MAKA) Trophy
2021? Ans 🗙 1. (Chaudhary Charan Singh University, Uttar Pradesh	
	Jniversity of Rajasthan, Rajasthan	
	Panjab University, Chandigarh	
🗙 4. K	Kurukshetra University, Haryana	
		Question ID : 26433061810
		Status : Answered
		Chosen Option : 1
Q.36 Which p	process is defined as the process of preserving food by ar or immersion in vinegar?	aerobic fermentation
	Fermenting	
	Canning	
	Freezing	
🖋 4. I	Pickling	
		Question ID : 26433055144
		Status : Answered
		Chosen Option : 1
	nong the following was the head of the Indian Statutory Co	ommission of 1928?
	John Gilbert Simon	
	Jan David Simon	
🗙 З. С	Clement Richard Attlee	
🛷 4. S	Sir John Allsebrook Simon	
		Question ID : 26433085258
		Status : Answered
		Chosen Option : 4

	In October 2021, which of the following schemes got approval from up seven mega integrated textile and apparel parks inspired by the to Fibre to Factory to Fashion to Foreign?	n the Cabinet to set 5 F vision of Farm
Ans	🗙 1. Jan Dhan Yojana	
	🗙 2. PM POSHAN	
	🛹 3. PM MITRA	
	🗙 4. Ujjwala Yojana	
		Question ID : 26433082832
		Status : Answered
		Chosen Option : 1
	Legends League Cricket (LLC) appointedas its ambass Women Match Official Team to promote women's empowerment ini increase the participation of women in cricket.	sador for its All itiatives and to
Ans	🛹 1. Jhulan Goswami	
	🗙 2. Poonam Yadav	
	🗙 3. Mithali Raj	
	X 4. Harmanpreet Kaur	
		Y
		Question ID : 26433055059
		Status : Answered
		Chosen Option : 3
2 40		
4.40 Ans	Which neighbouring country of India is the world's only carbon-neg X 1. Bangladesh	gative country?
-113		
	X 2. Sri Lanka	
	X 3. Nepal	
	✓ 4. Bhutan	
		Question ID : 264330100030 Status : Answered
		Chosen Option : 3
2.41	Parenteral nutrition can be defined as:	
Ans	1. infusing a specialised form of food through a vein (intravenously	()
	imes 2. intake of glucose and salts through oral route	
	igma 3. infusing a specialised form of food through oral route	
	✗ 4. removal of excessive food by syringes	
		Question ID : 26433064143
		Status : Answered
		Chosen Option : 1
1 4 2	Which of the following countries has the "Lengthiest written Const	itution"?
Ans	X 1. The US	
	X 2. Australia	
	X 3. France	
	✔ 4. India	
		Question ID : 26433064809 Status : Answered
		Status . Alisweleu
		Chosen Option : 4

	Which Article of the Indian Constitution provides for freedom to ma affairs?	anage religious		
Ans	X 1. Article 49			
	✓ 2. Article 26			
	X 3. Article 12			
	X 4. Article 35			
		Question ID : 26433086809		
		Status : Answered		
		Chosen Option : 2		
	In his address to the nation on 11 May 2020, Prime Minister Narend a special economic package, called 'Atma Nirbhar Bharat' Package lakh crore.			
Ans	× 1.40			
	× 2.30			
	X 3. 10			
	✓ 4. 20			
		Question ID : 264330100719		
		Status : Answered		
		Chosen Option : 2		
	What percentage of carbon does the Earth's crust have in the form	of minerals?		
Ans	1. 0.02%			
	× 2.2%			
	✗ 3.8%			
	X 4. 15%			
	X 4. 15%			
	★ 4. 15%	Question ID : 264330100700		
	★ 4. 15%	Status : Answered		
	× 4. 15%			
	 ¥ 4. 15% Which book is commonly referred to by chemists as a collection of on inorganic chemical nomenclature published at irregular interval International Union of Pure and Applied Chemistry (IUPAC)? ¥ 1. Orange book ¥ 2. Green book ¥ 3. Red book ¥ 4. Blue book 	Status : Answered Chosen Option : 4		
	Which book is commonly referred to by chemists as a collection of on inorganic chemical nomenclature published at irregular interval International Union of Pure and Applied Chemistry (IUPAC)? 1. Orange book 2. Green book 3. Red book	Status : Answered Chosen Option : 4		
	Which book is commonly referred to by chemists as a collection of on inorganic chemical nomenclature published at irregular interval International Union of Pure and Applied Chemistry (IUPAC)? 1. Orange book 2. Green book 3. Red book	Status : Answered Chosen Option : 4		
	Which book is commonly referred to by chemists as a collection of on inorganic chemical nomenclature published at irregular interval International Union of Pure and Applied Chemistry (IUPAC)? 1. Orange book 2. Green book 3. Red book	Status : Answered Chosen Option : 4 Frecommendations is by the Question ID : 26433064064 Status : Not Answered		
	Which book is commonly referred to by chemists as a collection of on inorganic chemical nomenclature published at irregular interval International Union of Pure and Applied Chemistry (IUPAC)? 1. Orange book 2. Green book 3. Red book	Status : Answered Chosen Option : 4		
Ans	Which book is commonly referred to by chemists as a collection of on inorganic chemical nomenclature published at irregular interval International Union of Pure and Applied Chemistry (IUPAC)? 1. Orange book 2. Green book 3. Red book	Status : Answered Chosen Option : 4 Frecommendations is by the Question ID : 26433064064 Status : Not Answered		
Ans Q.47	Which book is commonly referred to by chemists as a collection of on inorganic chemical nomenclature published at irregular interval International Union of Pure and Applied Chemistry (IUPAC)? 1. Orange book 2. Green book 3. Red book 4. Blue book	Status : Answered Chosen Option : 4 Frecommendations is by the Question ID : 26433064064 Status : Not Answered		
Ans Q.47	Which book is commonly referred to by chemists as a collection of on inorganic chemical nomenclature published at irregular interval International Union of Pure and Applied Chemistry (IUPAC)? 1. Orange book 2. Green book 3. Red book 4. Blue book What are X-rays also known as?	Status : Answered Chosen Option : 4 Frecommendations is by the Question ID : 26433064064 Status : Not Answered		
Ans	Which book is commonly referred to by chemists as a collection of on inorganic chemical nomenclature published at irregular interval International Union of Pure and Applied Chemistry (IUPAC)? 1. Orange book 2. Green book 3. Red book 3. Red book 4. Blue book What are X-rays also known as? 1. Super rays 2. W.Röntgen rays 	Status : Answered Chosen Option : 4 Frecommendations is by the Question ID : 26433064064 Status : Not Answered		
Ans Q.47	Which book is commonly referred to by chemists as a collection of on inorganic chemical nomenclature published at irregular interval International Union of Pure and Applied Chemistry (IUPAC)? 1. Orange book 2. Green book 3. Red book 4. Blue book What are X-rays also known as? 1. Super rays 2. W.Röntgen rays 3. Terrestrial rays	Status : Answered Chosen Option : 4 frecommendations is by the Question ID : 26433064064 Status : Not Answered		
Ans Q.47	Which book is commonly referred to by chemists as a collection of on inorganic chemical nomenclature published at irregular interval International Union of Pure and Applied Chemistry (IUPAC)? 1. Orange book 2. Green book 3. Red book 3. Red book 4. Blue book What are X-rays also known as? 1. Super rays 2. W.Röntgen rays 	Status : Answered Chosen Option : 4 frecommendations is by the Question ID : 26433064064 Status : Not Answered		
Ans Q.47	Which book is commonly referred to by chemists as a collection of on inorganic chemical nomenclature published at irregular interval International Union of Pure and Applied Chemistry (IUPAC)? 1. Orange book 2. Green book 3. Red book 4. Blue book What are X-rays also known as? 1. Super rays 2. W.Röntgen rays 3. Terrestrial rays	Status : Answered Chosen Option : 4 Frecommendations is by the Question ID : 26433064064 Status : Not Answered Chosen Option :		
Ans Q.47	Which book is commonly referred to by chemists as a collection of on inorganic chemical nomenclature published at irregular interval International Union of Pure and Applied Chemistry (IUPAC)? 1. Orange book 2. Green book 3. Red book 4. Blue book What are X-rays also known as? 1. Super rays 2. W.Röntgen rays 3. Terrestrial rays	Status : Answered Chosen Option : 4 frecommendations is by the Question ID : 26433064064 Status : Not Answered		

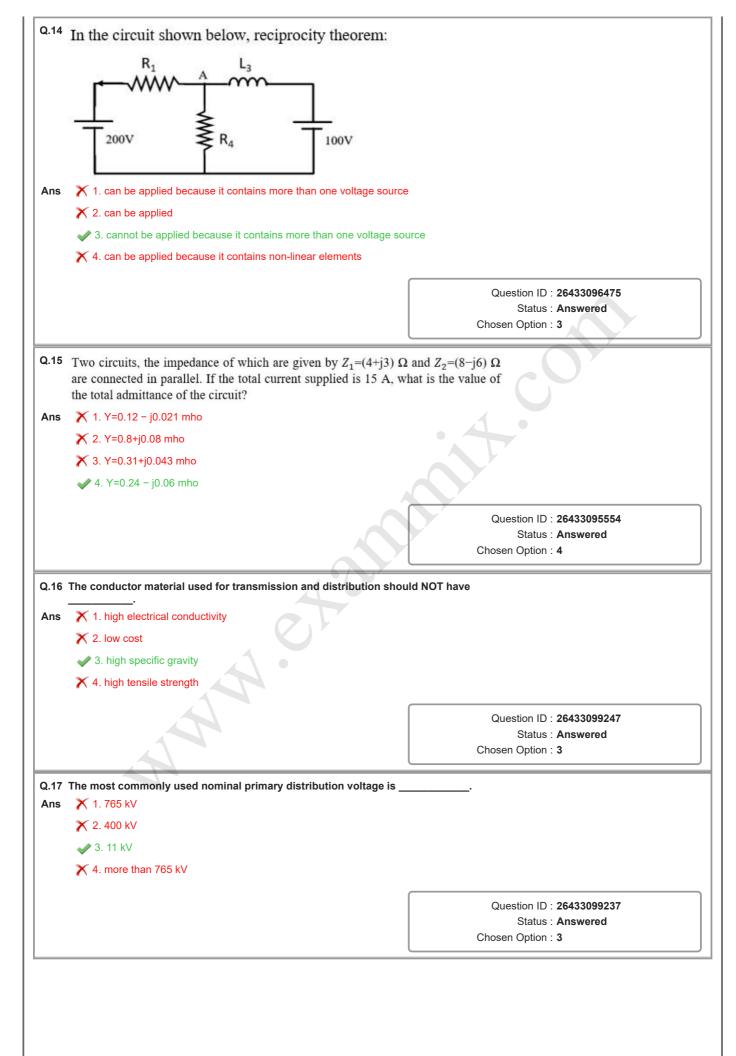
	The Home Rule for India League was founded by in on the Irish Home Rule League.	1916 and modelled	
Ans	X 1. Sarojini Naidu		
	🛹 2. Annie Besant		
	🗙 3. Bhikaiji Rustom Cama		
	🗙 4. Kamala Nehru		
Q.49 Ans	Which of the following is an ethanoic acid?		
	X 2. Methyl alcohol		
	3. Acetic acid		
	4. Formic acid		
	•		
		Question ID : 26433071432	
		Status : Answered Chosen Option : 3	
		Chosen Option . 3	
Q.50	The foundation stone of the new capital, New Delhi, was laid in D	December, 1911 by	
Ans	∑ 1. King Edward VIII		
	✓ 2. King George V		
	X 3. Queen Victoria I		
	X 4. Queen Elizabeth II		
		Question ID : 26433085291	
		Status : Answered	
	4.0	Chosen Option : 2	
Sectio	on : Part B General Engineering Electrical		
Q.1	Which of the following is used for connection from starter to the	motor as it is to be	
	taken over the foundation bed on which the motor is placed?		
Ans	 1. Flexible conduits 		
	2. Power circuit		
	X 3. TP main switch		
	X 4. Aluminum cable		
		Question ID : 26433099552	
		Status : Answered	





	Which of the following statements about the law of illumination is correct? X 1. The illumination is directly proportional to the distance of the surface from the source		
	and inversely proportional to the square of luminous intensity.		
	2. The illumination is directly proportional to the square of distance	oportional to the luminous intensity and inversely e of the surface from the source.	
	 X 3. The illumination is directly proportional to the square luminous intensity and inversely proportional to the distance of the surface from the source. X 4. The illumination is directly proportional to the luminous intensity and inversely proportional to the distance of the surface from the source. 		
		Question ID : 26433098173	
		Status : Answered	
		Chosen Option : 2	
Q.10	The strength of electromagnetic ra	adiation is measured by photometer in the range	
Ans	leph 1. ultraviolet to visible light		
	leph 2. visible light to ultraviolet		
	\mathbf{X} 3. infrared to ultraviolet		
	4. ultraviolet to infrared		
		Question ID : 26433099530	
		Question ID : 26433099530 Status : Answered	
		Chosen Option : 4	
Q.11	If the radius of a circular current c centre of the coil becomes (all oth	arrying coil is tripled, then the magnetic field at the er factors remains same):	
Ans	🗙 1. one-fourth		
	🗙 2. three		
	🗙 3. four		
	X 3. four✓ 4. one-third		
		Question ID : 26433096852 Status : Answered	
		Question ID : 26433096852 Status : Answered Chosen Option : 4	
	 ✓ 4. one-third 	Status : Answered Chosen Option : 4	
Q.12	4. one-third A resistor of 6 Ω and an inductor h	Status : Answered Chosen Option : 4	
Q.12 Ans	4. one-third A resistor of 6 Ω and an inductor h	Status : Answered Chosen Option : 4	
	4. one-third A resistor of 6 Ω and an inductor h series to a 250 V, 50 Hz supply. Ca	Status : Answered Chosen Option : 4	
	 4. one-third A resistor of 6 Ω and an inductor H series to a 250 V, 50 Hz supply. Ca 1. 3.75 kW 	Status : Answered Chosen Option : 4	
	 4. one-third A resistor of 6 Ω and an inductor h series to a 250 V, 50 Hz supply. Ca 1. 3.75 kW 2. 4.99 kVAR 3. 4.99 kW 	Status : Answered Chosen Option : 4	
	 4. one-third A resistor of 6 Ω and an inductor h series to a 250 V, 50 Hz supply. Ca 1. 3.75 kW 2. 4.99 kVAR 	Status : Answered Chosen Option : 4	
	 4. one-third A resistor of 6 Ω and an inductor h series to a 250 V, 50 Hz supply. Ca 1. 3.75 kW 2. 4.99 kVAR 3. 4.99 kW 	$\label{eq:chosen} \begin{array}{c} Status: \textbf{Answered}\\ Chosen Option: \textbf{4} \end{array}$ naving inductive reactance of 8 Ω are connected in localet the active power consumed. \\ \\ \hline \\ Question ID: \textbf{26433096120} \end{array}	
	 4. one-third A resistor of 6 Ω and an inductor h series to a 250 V, 50 Hz supply. Ca 1. 3.75 kW 2. 4.99 kVAR 3. 4.99 kW 	Status : Answered Chosen Option : 4 naving inductive reactance of 8 Ω are connected in loulate the active power consumed. Question ID : 26433096120 Status : Answered	
	 4. one-third A resistor of 6 Ω and an inductor h series to a 250 V, 50 Hz supply. Ca 1. 3.75 kW 2. 4.99 kVAR 3. 4.99 kW 	$\label{eq:chosen} \begin{array}{c} Status: \textbf{Answered}\\ Chosen Option: \textbf{4} \end{array}$ naving inductive reactance of 8 Ω are connected in localet the active power consumed. \\ \\ \hline \\ Question ID: \textbf{26433096120} \end{array}	
Ans	 4. one-third A resistor of 6 Ω and an inductor h series to a 250 V, 50 Hz supply. Ca 1. 3.75 kW 2. 4.99 kVAR 3. 4.99 kW 4. 3.75 kVAR 	Status : Answered Chosen Option : 4 naving inductive reactance of 8 Ω are connected in loulate the active power consumed. Question ID : 26433096120 Status : Answered	
Ans	 4. one-third A resistor of 6 Ω and an inductor h series to a 250 V, 50 Hz supply. Ca 1. 3.75 kW 2. 4.99 kVAR 3. 4.99 kW 4. 3.75 kVAR The admittance of a circuit is 0.03- 1. Z=10.12+J11 Ω	Status : Answered Chosen Option : 4 naving inductive reactance of 8 Ω are connected in loulate the active power consumed. Question ID : 26433096120 Status : Answered Chosen Option : 1	
Ans Q.13	 4. one-third A resistor of 6 Ω and an inductor h series to a 250 V, 50 Hz supply. Ca 1. 3.75 kW 2. 4.99 kVAR 3. 4.99 kW 4. 3.75 kVAR 	Status : Answered Chosen Option : 4 naving inductive reactance of 8 Ω are connected in loulate the active power consumed. Question ID : 26433096120 Status : Answered Chosen Option : 1	
Ans Q.13	 4. one-third A resistor of 6 Ω and an inductor h series to a 250 V, 50 Hz supply. Ca 1. 3.75 kW 2. 4.99 kVAR 3. 4.99 kW 4. 3.75 kVAR The admittance of a circuit is 0.03- 1. Z=10.12+J11 Ω	Status : Answered Chosen Option : 4 naving inductive reactance of 8 Ω are connected in loulate the active power consumed. Question ID : 26433096120 Status : Answered Chosen Option : 1	
Ans Q.13	 4. one-third A resistor of 6 Ω and an inductor h series to a 250 V, 50 Hz supply. Ca 1. 3.75 kW 2. 4.99 kVAR 3. 4.99 kW 4. 3.75 kVAR 4. 3.75 kVAR 	Status : Answered Chosen Option : 4 naving inductive reactance of 8 Ω are connected in loulate the active power consumed. Question ID : 26433096120 Status : Answered Chosen Option : 1	
Ans Q.13	 A resistor of 6 Ω and an inductor h series to a 250 V, 50 Hz supply. Ca 1. 3.75 kW 2. 4.99 kVAR 3. 4.99 kW 4. 3.75 kVAR 3. 4.375 kVAR The admittance of a circuit is 0.03: 1. Z=10.12+J11 Ω 2. Z=13.12+J12 Ω 3. Z=12+j16 Ω 	Status: Answered Chosen Option: 4 naving inductive reactance of 8 Ω are connected in Iculate the active power consumed. Question ID : 26433096120 Status: Answered Chosen Option: 1	
Ans Q.13	 A resistor of 6 Ω and an inductor h series to a 250 V, 50 Hz supply. Ca 1. 3.75 kW 2. 4.99 kVAR 3. 4.99 kW 4. 3.75 kVAR 3. 4.375 kVAR The admittance of a circuit is 0.03: 1. Z=10.12+J11 Ω 2. Z=13.12+J12 Ω 3. Z=12+j16 Ω 	Status : Answered Chosen Option : 4 naving inductive reactance of 8 Ω are connected in loulate the active power consumed. Question ID : 26433096120 Status : Answered Chosen Option : 1	

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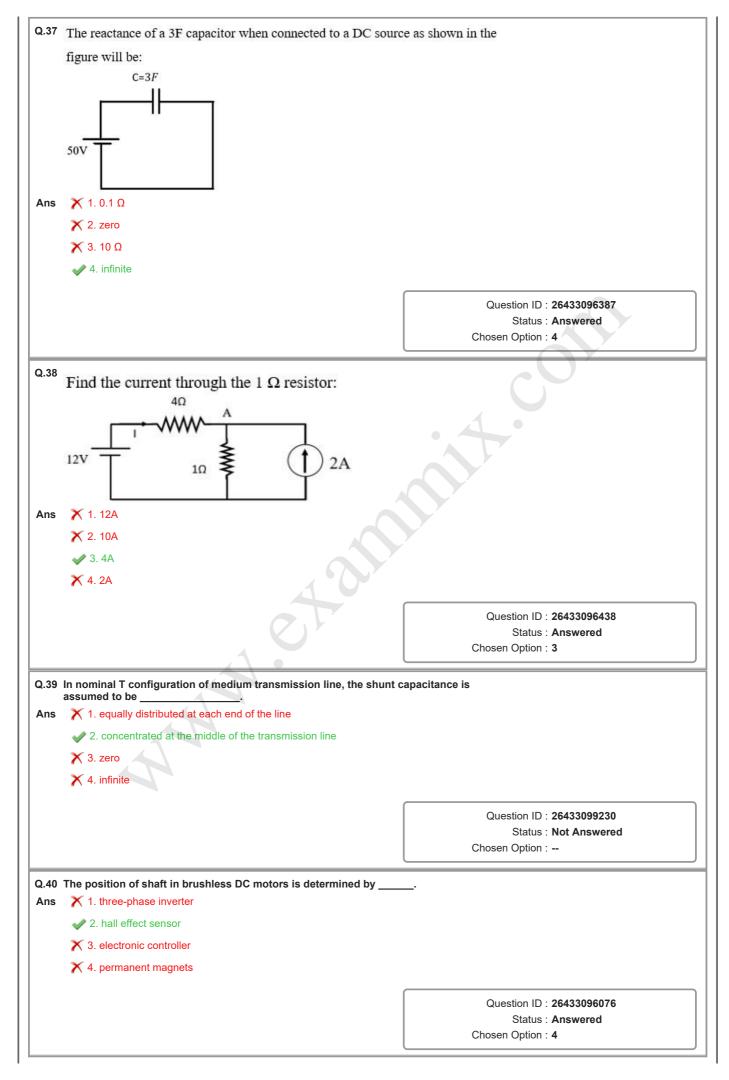


	 ★ 1. 150 Hz ◆ 2. 100 Hz ◆ 5. 555 Hz 	
2	•	
1	🗙 3. 200 Hz	
	🗙 4. 50 Hz	
		Question ID : 26433096055
		Status : Not Answered
		Chosen Option :
0.19 Th	he all-day efficiency of a transformer is defined as the rat	o of
	1. kVA output to the kVA input	· · · ·
	2. kWh output in 24 hours to the kWh input in 24 hours	
	X 3. kW output in 24 hours to the kW input in 12 hours	
	X 4. output to the input	
		Question ID : 26433096089
		Status : Answered
		Chosen Option : 2
	ccording to IS (Indian Standard) Specification 1180-1964	
tra	ransformer, the conservator is provided on transformer ra	
	X 1. 50 kVA or below	
	🗙 2. below 5 kVA	
	✓ 3. 50 kVA or above	
	🗙 4. below 10 kVA	
		Question ID : 26433096107 Status : Answered
		Chosen Option : 2
90	or a CE configuration, the transistor supply voltage is 12 00 Ω . The voltage drop across load resistance is 0.9V. The oltage is	/. The load resistance is value of collector-emitter
Ans 🏅	🗙 1. 12.9 V	
	🗙 2. 12 V	
	🗙 3. 0.9 V	
	✔ 4. 11.1 V	
		Question ID : 26433096065
		Chosen Option : 4
		Question ID : 26433096065 Status : Answered Chosen Option : 4

Ins	X 1. 1−S	
	X 2. S−1	
	✓ 3. 2–S	
	🗙 4. S	
		Question ID : 26433098246
		Status : Answered
		Chosen Option : 2
	If the phase difference between two signals is 180°, then the Lis	sajous pattern will
ns	be \checkmark 1. a straight line with major axis in 2 nd and 4 th quadrants	
	\mathbf{X} 2. an ellipse with major axis in 1 st and 4 th quadrants	
	\mathbf{X} 3. an ellipse with major axis in 2 nd and 3 rd quadrants	
	\mathbf{X} 4. a circle with major axis in 1 st and 4 th quadrants	
		Question ID : 26433096913
		Status : Answered Chosen Option : 1
	Tapping field speed control method is used in a/an for	r speed control.
ns	X 1. AC series motor	
	X 2. capacitor start capacitor run motor	
	X 3. repulsion motor	
	✓ 4. universal motor	
		Question ID : 26433099624
		Status : Answered
		Chosen Option : 4
2.26	In a PMMC instrument, swamping resistance is employed to:	
Ans	1. compensate the error due to temperature variations	
	igma 2. compensate the error due to strong magnetic field	
	igma 3. compensate the error due to high voltage	
	igma 4. compensate the error due to high current	
		Question ID : 26433096508 Status : Not Answered
		Chosen Option :
	Which of the following statements about the speed control of D	
ns	1. The flux control method is otherwise called constant torque d	
	 2. The field flux control is otherwise called constant power drive 2. In the field flux control is otherwise field flux. 	
	\mathbf{X} 3. In the speed control by varying field flux, the speed can be respeed.	guiated at the dase
	X 4. The armature resistance method of speed control is employe the base speed.	ed to obtain speed above
		Question ID : 26433098179
		Status : Answered
		Chosen Option : 4

	Rates offered in the tender remain valid for from the date tender.	
Ans	🗙 1. 1 month	
	X 2. 6 months	
	✓ 3. 3 months	
	× 4. 12 months	
	A 4. 12 monars	
		Question ID : 26433099546
		Status : Answered
		Chosen Option : 4
2.29	The estimator should have knowledge of works, labour, reliability a and his cost statements must be based on	and possible faults,
٩ns	X 1. accepted tenders	
	X 2. special supervision	
	 3. reliable evidence 	
	-	
	X 4. previous tenders	
		Question ID : 26433099547
		Status : Answered
		Chosen Option : 4
	The area of the hysteresis loop of hard magnetic material is	-
ns	X 1. small	
	✔ 2. large	
	🗙 3. one	
	X 4. zero	
	Earth resistance does NOT depend on	Y
	★ 1. salt content in the soil	
	★ 1. salt content in the soil	
	 1. salt content in the soil 2. content of iron 	
	 1. salt content in the soil 2. content of iron 3. neutral earthing 	
	 1. salt content in the soil 2. content of iron 3. neutral earthing 	Question ID : 26433099281
	 1. salt content in the soil 2. content of iron 3. neutral earthing 	Status : Answered
	 1. salt content in the soil 2. content of iron 3. neutral earthing 	
Ans	 1. salt content in the soil 2. content of iron 3. neutral earthing 	Status : Answered Chosen Option : 3
Ans λ.32	 1. salt content in the soil 2. content of iron 3. neutral earthing 4. nature of the soil In the lumen method, the lumens received is calculated by consider	Status : Answered Chosen Option : 3
1.32	 1. salt content in the soil 2. content of iron 3. neutral earthing 4. nature of the soil In the lumen method, the lumens received is calculated by consider following factors?	Status : Answered Chosen Option : 3
Ans λ.32	 1. salt content in the soil 2. content of iron 3. neutral earthing 4. nature of the soil In the lumen method, the lumens received is calculated by consider following factors? 1. Reflection factor 2. Reduction factor 	Status : Answered Chosen Option : 3
Ans λ.32	 1. salt content in the soil 2. content of iron 3. neutral earthing 4. nature of the soil In the lumen method, the lumens received is calculated by consider following factors? 1. Reflection factor 2. Reduction factor 3. Absorption factor 	Status : Answered Chosen Option : 3
Ans	 1. salt content in the soil 2. content of iron 3. neutral earthing 4. nature of the soil In the lumen method, the lumens received is calculated by consider following factors? 1. Reflection factor 2. Reduction factor 	Status : Answered Chosen Option : 3
Ans Ω.32	 1. salt content in the soil 2. content of iron 3. neutral earthing 4. nature of the soil In the lumen method, the lumens received is calculated by consider following factors? 1. Reflection factor 2. Reduction factor 3. Absorption factor 	Status : Answered Chosen Option : 3
Ans 	 1. salt content in the soil 2. content of iron 3. neutral earthing 4. nature of the soil In the lumen method, the lumens received is calculated by consider following factors? 1. Reflection factor 2. Reduction factor 3. Absorption factor 	Status : Answered Chosen Option : 3
Ans Ω.32	 1. salt content in the soil 2. content of iron 3. neutral earthing 4. nature of the soil In the lumen method, the lumens received is calculated by consider following factors? 1. Reflection factor 2. Reduction factor 3. Absorption factor 	Status : Answered Chosen Option : 3 ering which of the Question ID : 26433098213
Ans Ω.32	 1. salt content in the soil 2. content of iron 3. neutral earthing 4. nature of the soil In the lumen method, the lumens received is calculated by consider following factors? 1. Reflection factor 2. Reduction factor 3. Absorption factor 	Status : Answered Chosen Option : 3 ering which of the Question ID : 26433098213 Status : Not Answered

	A 220 V 3-phase voltage is applied to a balanced delta connected resistive load. What is the ratio of reactive power to active power		
Ans	X 1.1		
	X 2. 0.5		
	✗ 3. 0.25		
	4 . 0		
		Question ID : 26433095579	
		Status : Answered	
		Chosen Option : 2	
	The diversity factor is the ratio of the sum of the individual non-or- loads of different subdivisions of the system to theden system.	coincident nand of the complete	
Ans	🗙 1. minimum, maximum		
	2. maximum, minimum		
	 3. maximum, maximum 		
	🗙 4. minimum, minimum		
		Question ID : 26433096594	
		Status : Answered	
		Chosen Option : 3	
<u>, 3</u> ₽	The base of thermo-chemical conversion is the	• 4	
Ans	✓ 1. pyrolysis process		
	X 2. catalyst process		
	X 3. chemical process		
	X 4. gasification process		
		Question ID : 26433096611	
		Status : Answered	
		Chosen Option : 2	
	Which of the following lamps is used in sports stadiums?		
Ans	1. Sodium vapour lamp		
	X 3. Incandescent lamp		
	X 4. Compact fluorescent lamp		
		Question ID : 26433098208	
		Question ID : 26433098208 Status : Answered Chosen Option : 4	



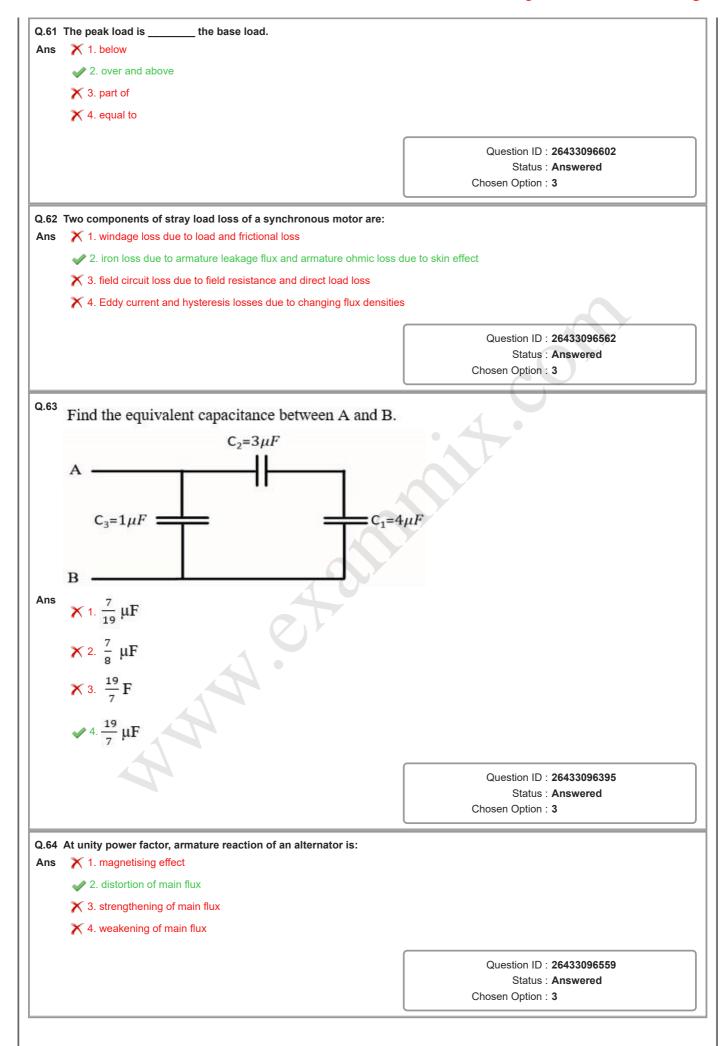
าร	 1. distribution of the brightness in all directions 2. distribution of luminous intensity of light source in all directions 	
	 X 3. distribution of illuminance in all the directions 	
	 A distribution of luminous flux in all directions 	
		Question ID : 26433098128
		Status : Answered
		Chosen Option : 2
42	Errors are introduced in the measurement by wattmeter due to	between
	current coil & pressure coil.	
IS	X 1. resistance	
	X 2. self-capacitance	
	✓ 3. mutual inductance	
	X 4. self-inductance	
		Question ID : 26433096839
		Status : Answered
		Chosen Option : 3
	 ✓ 2. 7.002 kVA ✓ 3. 6.002 kVA ✓ 4. 3.465 kVA 	
		Question ID : 26433096127
		Status : Not Answered
		Chosen Option :
	Rate should be given for each item of work, separately in words and	
ns	there is any difference in rates between words and figures, then $_$ 1. the average of the two will be taken	·
113	 2. the lowest of the two will be taken 	
	·	
	X 3. the sum of the two will be taken	
	X 4. the highest of the two will be taken	
		Question ID : 26433099274
		Status : Answered
		Chosen Option : 4
.45	The operating temperature of a central receiver power tower of sola	ar plant is
ns	¥ 1. 100-200℃	
	¥ 2. 5000-10,000°C	
	✗ 3. 1000-5000°C	
	✔ 4. 500-1000°C	
		Question ID : 26433096627
		Status : Answered

	 1. Uniform scale 2. High Sensitivity 	
	X 3. Less expensive	
	X 4. Consumes less power	
	4. Consumes less power	
		Question ID : 26433096491
		Status : Answered
		Chosen Option : 1
0.47	Which of the following information is NOT require	ed for a purchase order ?
Ans	X 1. Quantity of the items ordered	
	X 2. Due date of delivery	
	X 3. Name and address of the supplier	
	4. Risks of delivery and difficulties	
	· · · · · · · · · · · · · · · · · · ·	
		Question ID : 26433099542
		Status : Answered
		Chosen Option : 3
.48	The barrier voltage for germanium is	at 25°C.
ns	X 1.0 V	
	X 2. 0.7 ∨	
	🗙 3. infinity	
	✓ 4. 0.3 V	
	·	
		Question ID : 26433096044
		Status : Answered
		Chosen Option : 2
	A 5 kVA transformer has iron loss of 200 W and fu	
	maximum efficiency of the transformer would occ	ur when the total loss is
Ans	★ 1. 275 W	
	✓ 2. 400 W	
	✗ 3. 200 ₩	
	X 4. 300 W	
		Question ID : 26433096095 Status : Answered
		Chosen Option : 1
	Moving iron instruments are scaled at	
Ans	X 1. linear	
	X 2. exponential	
	🗙 3. alogarithmic	
	✔ 4. non-uniform	
		Question ID : 26433096505 Status : Answered
		Chosen Option : 2

Ans	The relative permeability of paramagnetic materials is	
	2. slightly greater than 1	
	 ✓ 1. signal, grouter train 1 X 3.1 	
	X 4.−1	
		Question ID : 26433096881
		Status : Answered Chosen Option : 2
	The adjustment made with the magnetic shunt in three-phas	
Ans	<pre>meter for the rotation of aluminum disc to be zero is</pre> 1. two torques would be equal and opposite	
	 X two torques would be equal X 2. two torques would be equal 	
	 X 3. one torque would be greater than other 	
	X 4. two torques would be opposite	
		Question ID : 26433096908
		Status : Not Answered Chosen Option :
Q.53	Which of the following is INCORRECT regarding site selection	on for a substation?
Ans	igma 1. Land cost should be cheap.	
	igma 2. Transportation facilities must be easily available.	
	3. Does not depend upon the type of substation.	
	X 4. Should be near the load centre.	
		Question ID : 26433099241 Status : Answered
		Chosen Option : 3
Q.54	Which of the following how one when we to d DC as why is also	and the first second second of the second
	Which of the following happens when rated DC supply is giv transformer?	en to the primary of the
Ans		en to the primary of the
	transformer? 1. Secondary winding will burn out	en to the primary of the
	transformer? X 1. Secondary winding will burn out	en to the primary of the
	 transformer? 1. Secondary winding will burn out 2. Primary winding will burn out 	en to the primary of the
	 transformer? 1. Secondary winding will burn out 2. Primary winding will burn out 3. EMF is induced in secondary 	
	 transformer? 1. Secondary winding will burn out 2. Primary winding will burn out 3. EMF is induced in secondary 	Question ID : 26433096099
	 transformer? 1. Secondary winding will burn out 2. Primary winding will burn out 3. EMF is induced in secondary 	
Ans	 transformer? ▲ 1. Secondary winding will burn out ◆ 2. Primary winding will burn out ▲ 3. EMF is induced in secondary ▲ 4. EMF is induced in core 	Question ID : 26433096099 Status : Answered Chosen Option : 4
Ans Q.55	 transformer? ▲ 1. Secondary winding will burn out ◆ 2. Primary winding will burn out ▲ 3. EMF is induced in secondary ▲ 4. EMF is induced in core 	Question ID : 26433096099 Status : Answered Chosen Option : 4
Ans Q.55	 transformer? ▲ 1. Secondary winding will burn out ◆ 2. Primary winding will burn out ▲ 3. EMF is induced in secondary ▲ 4. EMF is induced in core 	Question ID : 26433096099 Status : Answered Chosen Option : 4
Ans Q.55	transformer? \checkmark 1. Secondary winding will burn out \checkmark 2. Primary winding will burn out \bigstar 3. EMF is induced in secondary \bigstar 4. EMF is induced in core The equation for active power in a three-phase star connected \checkmark 1. $P=\sqrt{3}V_L I_L \cos \emptyset$	Question ID : 26433096099 Status : Answered Chosen Option : 4
Ans Q.55	transformer? \checkmark 1. Secondary winding will burn out \checkmark 2. Primary winding will burn out \checkmark 3. EMF is induced in secondary \bigstar 4. EMF is induced in core The equation for active power in a three-phase star connected \checkmark 1. $P=\sqrt{3}V_L I_L \cos \emptyset$ \thickapprox 2. $P=\sqrt{3}V_L I_L \sin \emptyset$	Question ID : 26433096099 Status : Answered Chosen Option : 4
Ans Q.55	transformer? \checkmark 1. Secondary winding will burn out 2. Primary winding will burn out \checkmark 3. EMF is induced in secondary \bigstar 4. EMF is induced in core The equation for active power in a three-phase star connected \checkmark 1. $P=\sqrt{3}V_L I_L \cos \emptyset$ \thickapprox 2. $P=\sqrt{3}V_L I_L \sin \emptyset$ \thickapprox 3. $P=3V_L I_L \cos \emptyset$	Question ID : 26433096099 Status : Answered Chosen Option : 4
Ans	transformer? \checkmark 1. Secondary winding will burn out \checkmark 2. Primary winding will burn out \checkmark 3. EMF is induced in secondary \bigstar 4. EMF is induced in core The equation for active power in a three-phase star connected \checkmark 1. $P=\sqrt{3}V_L I_L \cos \emptyset$ \thickapprox 2. $P=\sqrt{3}V_L I_L \sin \emptyset$	Question ID : 26433096099 Status : Answered Chosen Option : 4
Ans Q.55	transformer? \checkmark 1. Secondary winding will burn out 2. Primary winding will burn out \checkmark 3. EMF is induced in secondary \bigstar 4. EMF is induced in core The equation for active power in a three-phase star connected \checkmark 1. $P=\sqrt{3}V_L I_L \cos \emptyset$ \thickapprox 2. $P=\sqrt{3}V_L I_L \sin \emptyset$ \thickapprox 3. $P=3V_L I_L \cos \emptyset$	Question ID : 26433096099 Status : Answered Chosen Option : 4
Ans Q.55	transformer? \checkmark 1. Secondary winding will burn out 2. Primary winding will burn out \checkmark 3. EMF is induced in secondary \bigstar 4. EMF is induced in core The equation for active power in a three-phase star connected \checkmark 1. $P=\sqrt{3}V_L I_L \cos \emptyset$ \thickapprox 2. $P=\sqrt{3}V_L I_L \sin \emptyset$ \thickapprox 3. $P=3V_L I_L \cos \emptyset$	Question ID : 26433096099 Status : Answered Chosen Option : 4

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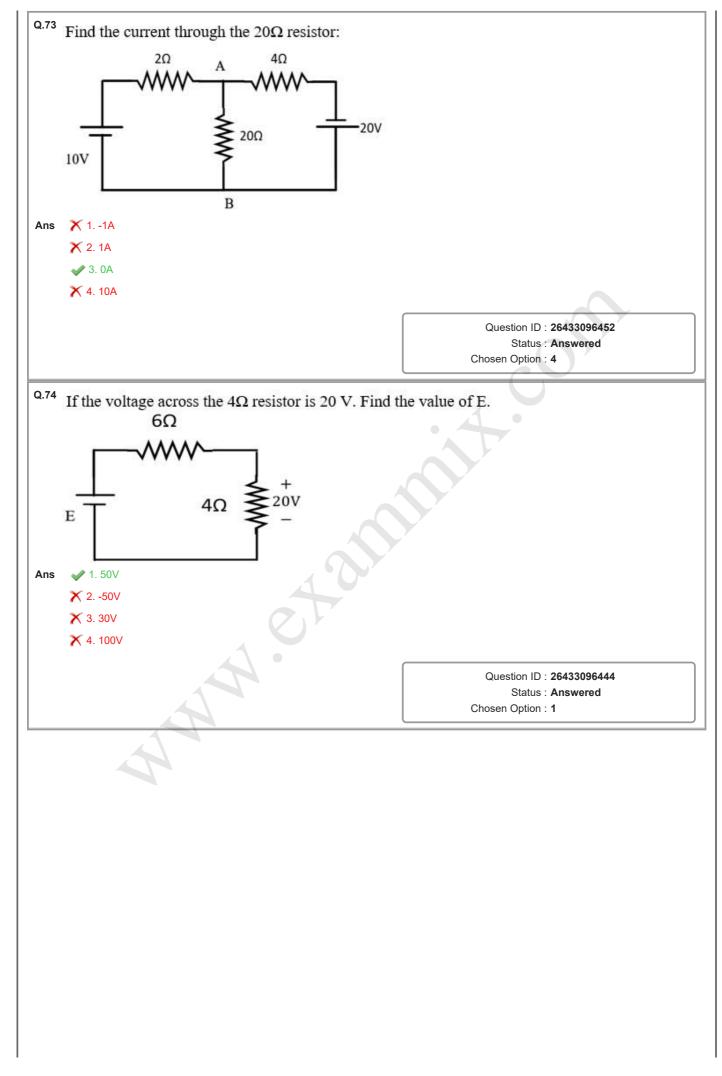
	The spiraling of the conductors causes	
Ans	X 1. increase in voltage	
	X 2. increase in frequency	
	X 3. increase in current	
	✓ 4. increase in resistance	
		Question ID : 26433099557
		Status : Answered
		Chosen Option : 4
Q.57	A squirrel cage induction motor requires maintenance as	compared to a slip
	ring induction motor.	
Ans	 1. significantly low 	
	X 2. slightly low	
	🗙 3. slightly high	
	X 4. significantly high	
		Question ID : 26433099596
		Status : Answered
		Chosen Option : 4
Q.58 Ans	Select the correct dual pair of voltage source, current source, induc X 1. Current source, voltage source, capacitor and resistor	tor and capacitor.
AIIS	\mathbf{X} 2. Voltage source, current source, capacitor and resistor	
	3. Current source, voltage source, capacitor and inductor	
	X 4. Current source, voltage source, resistor and inductor	
		Question ID : 26433098277
		Status : Answered
		Chosen Option : 3
Q.59	What is a head in a micro hydro power plant?	
Ans	\checkmark 1. The head is the vertical distance that water falls.	
	imes 2. The head is the horizontal distance that water falls.	
	\mathbf{X} 3. The head is the vertical distance that water raises.	
	\mathbf{X} 4. The head is the horizontal distance that water raises.	
		Question ID : 26433096621
		Status : Answered
		Chosen Option : 1
	A consumer has a maximum demand of 300 kW at a 30% load factor	r. What are Units
	consumed/year? X 1. 7884 kWh	
Ans		
	2. 788400 Wh	
	3. 788400 kWh	
	🗙 4. 78.84 Wh	
		Question ID : 26433096600
		Status : Answered
		Chosen Option : 4



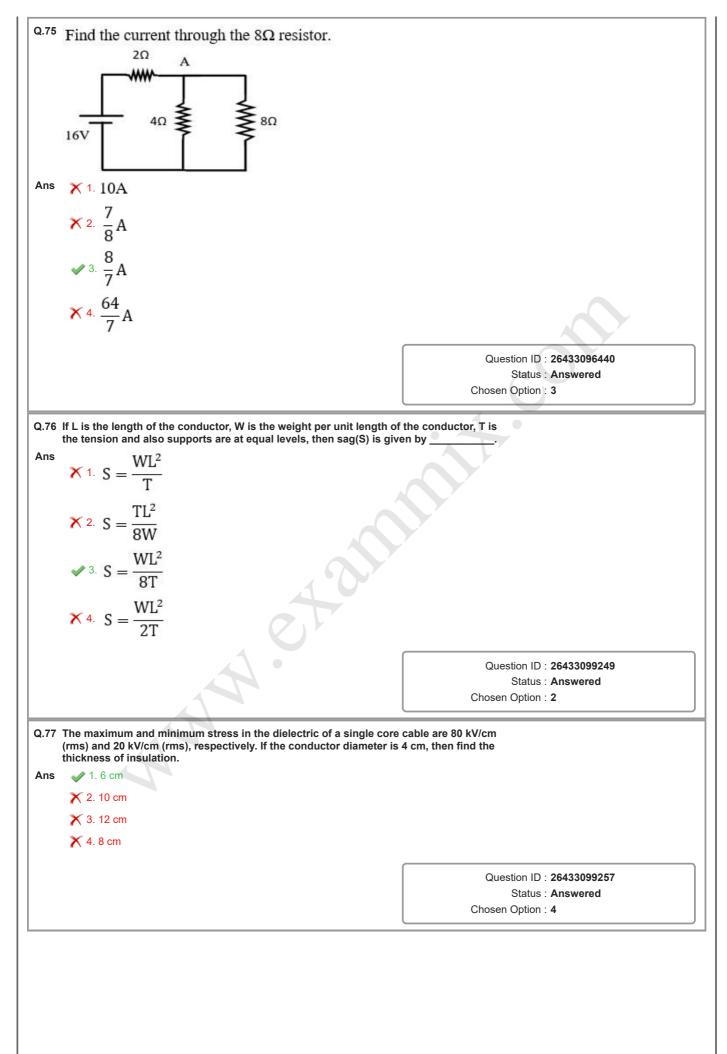
Ans	🛹 1. (9 - j6) Ω	
	🗙 2.6 Ω	
	🗙 3.9 Ω	
	X 4. the source impedance	
		Question ID : 26433096462
		Status : Answered
		Chosen Option : 1
	A conspirer bank is connected perceptite states terminals of the	a Induction concreter
1.00	A capacitor bank is connected across the stator terminals of the and loaded into a Wind Energy conversion system to:	e induction generator
ns	X 1. provide starting torque	
	\checkmark 2. supply reactive power to both the machine and load	
	igma 3. supply reactive power to the machine	
	\mathbf{X} 4. supply reactive power to the load	
		Question ID : 26433096634 Status : Not Answered
		Chasses Ontion :
	A 200 V lamp has a total flux of 1000 lumens and takes a curren luminous efficiency?	Chosen Option :
	Iuminous efficiency? ✓ 1. 10 lumens/watt X 2. 1 lumen/watt X 3. 5 lumens/watt	
	Iuminous efficiency? ✓ 1. 10 lumens/watt X 2. 1 lumen/watt	
	Iuminous efficiency? ✓ 1. 10 lumens/watt X 2. 1 lumen/watt X 3. 5 lumens/watt	nt of 0.5 A. Calculate its
	Iuminous efficiency? ✓ 1. 10 lumens/watt X 2. 1 lumen/watt X 3. 5 lumens/watt	
	Iuminous efficiency? ✓ 1. 10 lumens/watt X 2. 1 lumen/watt X 3. 5 lumens/watt	tt of 0.5 A. Calculate its Question ID : 26433098210
Ans	Iuminous efficiency? ✓ 1. 10 lumens/watt ✓ 2. 1 lumen/watt ✓ 3. 5 lumens/watt ✓ 4. 4 lumens/watt	Question ID : 26433098210 Status : Not Answered Chosen Option :
۸ns ۱.68	Iuminous efficiency? ✓ 1. 10 lumens/watt ✓ 2. 1 lumen/watt ✓ 3. 5 lumens/watt ✓ 4. 4 lumens/watt ✓ Which of the following statements is correct about pure resistive	Question ID : 26433098210 Status : Not Answered Chosen Option :
۸ns ۱.68	Iuminous efficiency? ✓ 1. 10 lumens/watt ✓ 2. 1 lumen/watt ✓ 3. 5 lumens/watt ✓ 4. 4 lumens/watt ✓ 4. 4 lumens/watt ✓ 1. Power consumed is always negative.	Question ID : 26433098210 Status : Not Answered Chosen Option :
۸ns ۱.68	Iuminous efficiency? ✓ 1. 10 lumens/watt ✓ 2. 1 lumen/watt ✓ 3. 5 lumens/watt ✓ 4. 4 lumens/watt ✓ 1. 10 lumens/watt ✓ 1. 10 lumens/watt ✓ 1. 10 lumens/watt ✓ 1. 10 lumens/watt ✓ 1. Power consumed is always negative. ✓ 2. Applied voltage and current are out of phase with each other	Question ID : 26433098210 Status : Not Answered Chosen Option :
۸ns ۱.68	 Iuminous efficiency? 1. 10 lumens/watt 2. 1 lumen/watt 3. 5 lumens/watt 4. 4 lumens/watt 4. 4 lumens/watt Which of the following statements is correct about pure resistive 1. Power consumed is always negative. 2. Applied voltage and current are out of phase with each other 3. The expression for power is the same as DC circuit. 	Question ID : 26433098210 Status : Not Answered Chosen Option :
Ans 0.68	Iuminous efficiency? ✓ 1. 10 lumens/watt ✓ 2. 1 lumen/watt ✓ 3. 5 lumens/watt ✓ 4. 4 lumens/watt ✓ 1. 10 lumens/watt ✓ 1. 10 lumens/watt ✓ 1. 10 lumens/watt ✓ 1. 10 lumens/watt ✓ 1. Power consumed is always negative. ✓ 2. Applied voltage and current are out of phase with each other	Question ID : 26433098210 Status : Not Answered Chosen Option :
Ans	 Iuminous efficiency? 1. 10 lumens/watt 2. 1 lumen/watt 3. 5 lumens/watt 4. 4 lumens/watt 4. 4 lumens/watt Which of the following statements is correct about pure resistive 1. Power consumed is always negative. 2. Applied voltage and current are out of phase with each other 3. The expression for power is the same as DC circuit. 	At of 0.5 A. Calculate its Question ID : 26433098210 Status : Not Answered Chosen Option : ve AC circuit? r. Question ID : 26433095566
Ans 0.68	 Iuminous efficiency? 1. 10 lumens/watt 2. 1 lumen/watt 3. 5 lumens/watt 4. 4 lumens/watt 4. 4 lumens/watt Which of the following statements is correct about pure resistive 1. Power consumed is always negative. 2. Applied voltage and current are out of phase with each other 3. The expression for power is the same as DC circuit. 	Question ID : 26433098210 Status : Not Answered Chosen Option :

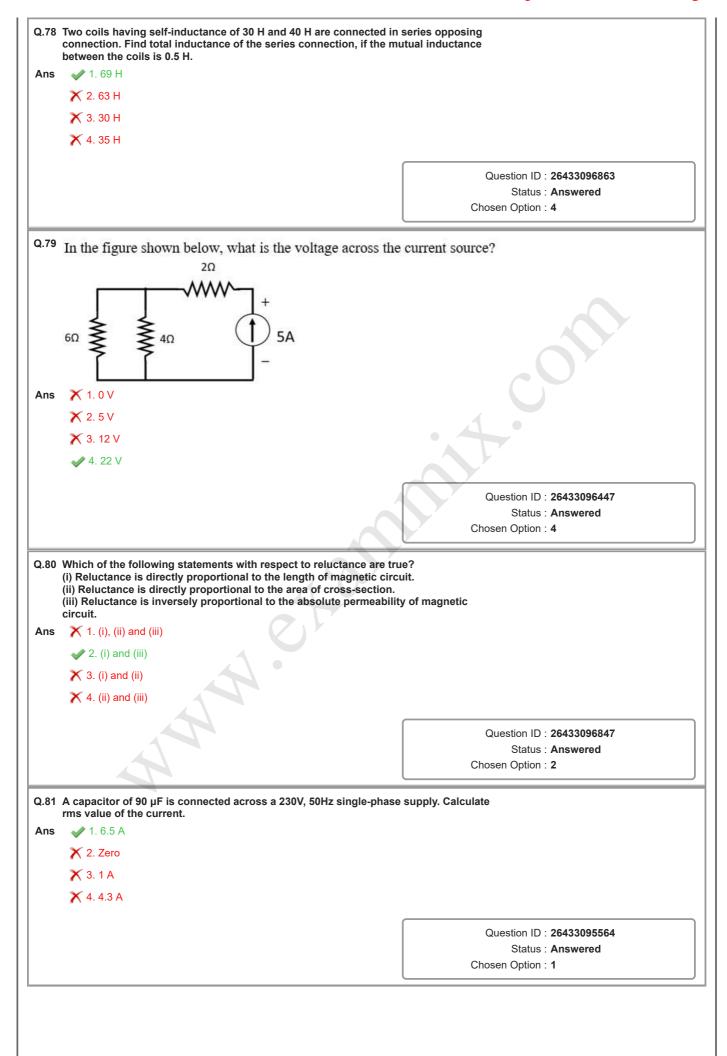
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iii) The magnetic flux density is directly proportional to the number of turns, current and absolute permeability of the solenoid. Ans X 1. (i) and (iii) X 2. (i) and (iii) X 3. (i), (ii) and (iii) X 4. (i) and (iii) X 1. (i) and (iii) X 1. (i) and (iii) X 4. (i) and (iii) X 4. (i) and (iii) X 1. number of turns and reluctance ✓ 2. flux and reluctance ✓ 3. flux and current X 4. number turns and flux Question ID : 26433096841 Status: Answord Chosen Option : 1 Question ID : 26433096841 Status: Answored Chosen Option : 1 Question ID : 26433096841 Status: Answored Chosen Option : 1 Question ID : 26433098248 Status: Answored Chosen Option : 1 Question ID : 26433098248 Status: Answored Chosen Option : 1 Question ID : 26433098641 Status: Answored Chosen Option : 1 Question ID : 26433098248 Status: Answored Chosen Option : 1 Question ID :		Which of the following statements regardi (i) The wire wound with a number of turns	in the form of helix is know	own as solenoid.
(iii) The magnetic field outside the solenoid is zero. Ans X 1. (i) and (iii) X 2. (i) and (iii) X 4. (i) and reluctance X 3. flux and reluctance X 3. flux and reluctance X 4. number of turns and reluctance X 4. number turns and flux Question ID : 26433096841 Status : Answered Chosen Option : 1 Question ID : 26433096841 Status : Answered Chosen Option : 1 Question ID : 26433098248 Status : Answered Chosen Option : 1 Question ID : 26433098612 Status : Answered		(ii) The magnetic flux density is directly pr and absolute permeability of the solenoid.	oportional to the number	of turns, current
 ✓ 2. (i) and (ii) ✓ 3. (i), (i) and (ii) ✓ 4. (i) and (ii) ✓ 1. number of turns and reluctance ✓ 2. flux and reluctance ✓ 3. (i) and a current ✓ 4. number turns and flux Question ID: 26433096841 Status: Answered Chosen Option: 1 Q.71 In centrifugal pumps and separators is used. Ans ✓ 1. repulsion motor ✓ 2. capacitor start induction run motor ✓ 3. split-phase IM ✓ 4. universal motor Question ID: 26433098248 Status: Answered Chosen Option: 1 		(iii) The magnetic field outside the solenoi	d is zero.	
 ♀ 3. (f), (f) and (fi) ▼ 4. (f) and (fi) Q.70 MMF is defined as the product of	Ans			
 ★ 4. (i) and (ii) Q.70 MMF is defined as the product of Ans ★ 1. number of turns and reluctance ★ 3. flux and current ★ 4. number turns and flux Question ID: 26433096841 Status: Answered Chosen Option: 1 Q.71 In centrifugal pumps and separators is used. Ans ★ 1. repulsion motor ★ 3. split-phase IM ★ 4. universal motor Question ID: 26433098248 Status: Answered Chosen Option: 1 		🗙 2. (ii) and (iii)		
Q.70 MMF is defined as the product of		✔ 3. (i), (ii) and (iii)		
Ans \$ 1. number of turns and reluctance 2. flux and reluctance 3. flux and current 4. number turns and flux Question ID: 26433096841 Status: Answered Chosen Option : 1 Q.71 In centrifugal pumps and separators is used. Ans \$ 1. repulsion motor \$ 2. capacitor start induction run motor 3. split-phase IM 4. universal motor Q.72 The gas which is NOT produced in the process of gaseous biomass is Ans \$ 1. methane 2. neon 3. carbon dioxide 4. hydrogen Question ID: 26433096612 Status : Answered		🗙 4. (i) and (ii)		
Ans \$ 1. number of turns and reluctance 2. flux and reluctance 3. flux and current 4. number turns and flux Question ID: 26433096841 Status: Answered Chosen Option : 1 Q.71 In centrifugal pumps and separators is used. Ans \$ 1. repulsion motor \$ 2. capacitor start induction run motor 3. split-phase IM 4. universal motor Q.72 The gas which is NOT produced in the process of gaseous biomass is Ans \$ 1. methane 2. neon 3. carbon dioxide 4. hydrogen Question ID: 26433096612 Status : Answered				
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▲ 4. number turns and flux Question ID: 26433096841 Status: Answered Chosen Option: 1 Q.71 In centrifugal pumps and separators is used. Ans ▲ 1. repulsion motor ④ 2. capacitor start induction run motor ● 3. split-phase IM ▲ 4. universal motor Question ID: 26433098248 Status: Answered Chosen Option: 1		2. flux and reluctance		
Question ID: 26433096841 Status: Answered Chosen Option: 1 Q.71 In centrifugal pumps and separators is used. Ans X 1. repulsion motor X 2. capacitor start induction run motor 3. split-phase IM X 4. universal motor Question ID: 26433098248 Status: Answered Chosen Option: 1 Q.72 The gas which is NOT produced in the process of gaseous biomass is Ans X 1. methane 2. neon X 3. carbon dioxide X 4. hydrogen Question ID: 26433096612 Status : Answered		🗙 3. flux and current		
Status : Answered Chosen Option : 1 Q.71 In centrifugal pumps and separators is used. Ans		leph 4. number turns and flux		
Status : Answered Chosen Option : 1 Q.71 In centrifugal pumps and separators is used. Ans				
Chosen Option : 1 Q.71 In centrifugal pumps and separators is used. Ans 1. repulsion motor 2. capacitor start induction run motor 3. split-phase IM 3. split-phase IM 4. universal motor Question ID : 26433098248 Status : Answered Chosen Option : 1 Q.72 The gas which is NOT produced in the process of gaseous biomass is Ans 1. methane 2. neon 3. carbon dioxide 4. hydrogen Question ID : 26433096612 Status : Answered Question ID : 26433096612 Status : Answered				
Q.71 In centrifugal pumps and separators is used. Ans				
Ans 1. repulsion motor 2. capacitor start induction run motor 3. split-phase IM 4. universal motor Question ID : 26433098248 Status : Answered Chosen Option : 1 Q.72 The gas which is NOT produced in the process of gaseous biomass is Ans 1. methane 2. neon 3. carbon dioxide 4. hydrogen Question ID : 26433096612 Status : Answered 				Chosen Option : 1
Ans 1. repulsion motor 2. capacitor start induction run motor 3. split-phase IM 4. universal motor Question ID : 26433098248 Status : Answered Chosen Option : 1 2.72 The gas which is NOT produced in the process of gaseous biomass is Ans 1. methane 2. neon 3. carbon dioxide 4. hydrogen Question ID : 26433096612 Status : Answered Status : Answered	Q.71	In centrifugal pumps and separators	is used.	
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 ✓ 4. universal motor Question ID : 26433098248 Status : Answered Chosen Option : 1 Q.72 The gas which is NOT produced in the process of gaseous biomass is Ans ✓ 1. methane ✓ 2. neon ✓ 3. carbon dioxide ✓ 4. hydrogen Question ID : 26433096612 Status : Answered				
Question ID : 26433098248 Status : Answered Chosen Option : 1 Q.72 The gas which is NOT produced in the process of gaseous biomass is Ans \bigwedge 1. methane \checkmark 2. neon \bigstar 3. carbon dioxide \bigstar 4. hydrogen Question ID : 26433096612 Status : Answered				
Status : Answered Chosen Option : 1 Q.72 The gas which is NOT produced in the process of gaseous biomass is Ans 1. methane 2. neon 3. carbon dioxide 4. hydrogen Question ID : 26433096612 Status : Answered		A 4. universal motor		
Status : Answered Chosen Option : 1 Q.72 The gas which is NOT produced in the process of gaseous biomass is Ans 1. methane 2. neon 3. carbon dioxide 4. hydrogen Question ID : 26433096612 Status : Answered				Question ID : 26433098248
Q.72 The gas which is NOT produced in the process of gaseous biomass is Ans				
Ans 1. methane 2. neon 3. carbon dioxide ✓ ✓ 4. hydrogen Question ID : 26433096612 Status : Answered				Chosen Option : 1
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X 3. carbon dioxide X 4. hydrogen Question ID : 26433096612 Status : Answered	Ans			
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Status : Answered		X 4. hydrogen		
Status : Answered				



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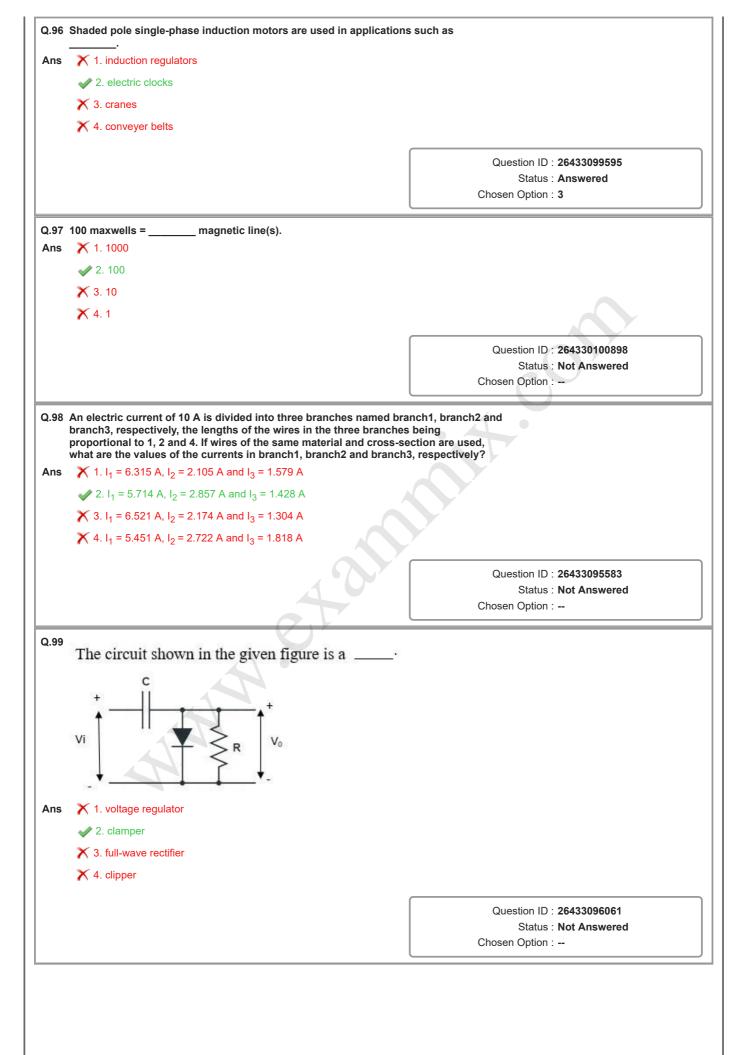


Ans	Reverse saturation current	for every 10°C rise in temperature.
4115		
	✓ 2. doubles	
	X 3. halves	
	X 4. reduces by one-third	
		Question ID : 26433096686
		Status : Answered
		Chosen Option : 1
Q.83	In lighting, standard reflectors are made	to accommodate lamps of rating from
Ans	X 1. 20 to 1000 watts	
	✔ 2. 40 to 1500 watts	
	🗙 3. 50 to 1200 watts	
	X 4. 80 to 2000 watts	
		Question ID : 26433099282
		Status : Not Answered
		Chosen Option :
	What is the SI unit of permeability?	
Ins	X 1. Weber per meter	
	X 2. Ohm - meter	
	🗙 3. Ampere - meter	
	🛹 4. Henry per meter	
		Question ID : 26433096844
		Status : Answered
		Chosen Option : 4
0.85	Which of the following statement regard	ing the various parts in a three-point starter is
	correct?	
Ans	X 1. A No Volt Release coil magnetises field.	the holding coil during open circuit of the shunt
	\mathbf{X} 2. An overload release coil is provided	l in parallel with the armature circuit.
	✓ 3. Electromagnets are used as Overla	
	X 4. The field circuit and hold coil are in	
		· · · · · · · · · · · · · · · · · · ·
		Question ID : 26433098130
		Status : Answered
		Chosen Option : 1
2.86	Which of the following is NOT present ir	an auto transformer?
Ans	🗙 1. High power rating	
	2. Conductive isolation between prima	ary and secondary
	X 3. Low voltage regulation	
	X 4. Low efficiency	
		Question ID : 26433096104
		Status : Answered
		Chosen Option : 4

Ans	X 1. two voltmeter method	
	 2. two wattmeter method 	
	*	
	X 3. one wattmeter method	
	X 4. three voltmeter method	
		Question ID : 26433096903
		Status : Answered
		Chosen Option : 2
2.88	The pipe electrode used for earthing shall not be less than the mini requirement of	mum length
Ans	✔ 1. 2.5 m	
	🗙 2. 4 m	
	🗙 3. 3.5 m	
	🗙 4. 3 m	
		Question ID : 26433096501
		Status : Not Answered Chosen Option :
		Criosen Option
	 (i) Open circuit core loss at 11000 V = 80 kW; (ii) Windage and frictional loss = 40 kW; (iii) Full load armature copper loss = 200 kW; and, (iv) Field copper loss = 90 kW. Ignoring the change in field current compute the percentage efficient 0.8 pf leading. 	ncy at rated load
Ans	✓ 1. 95.12	
	2. 86.62	
	★ 3.88.27	
	X 4. 91.23	
		Question ID : 26433096551
		Status : Not Answered
		Chosen Option :
	Consider the following statements about auxiliary motor starting m synchronous motor and select the suitable combination of correct a.A three-phase induction motor is used as an auxiliary motor. b.An induction motor with two poles, fewer than the synchronous m as an auxiliary motor. c.The auxiliary motor brings the synchronous motor speed almost synchronous speed. d.The auxiliary motor starting is used for loaded synchronous motor \times 1. Only a, b and d are true \times 2. All a, b, c, d are true \times 3. Only a is true	choices. notor poles is used equal to its
	✓ 4. Only a, b and c are true	
	 Conjunt, a model and a model 	
		Question ID : 26433096564
		Status : Answered
		Chosen Option : 1
		Chosen Option : 1

	In case of Permanent magnet synchronous generator operated wind converter used in the generator interface converts:	- Perrer Pranty and
Ans	✗ 1. one level of DC to another level of DC	
	X 2. AC to DC	
	3. one level of AC to another level of AC	
	X 4. DC to AC	
		Question ID : 26433099571
		Status : Answered
		Chosen Option : 4
Q.92	Which of the following statements is NOT correct about quality factor resonance circuit?	or of a parallel
Ans	imes 1. Q-factor of parallel resonance is the same as that of series reson	ance.
	$igmedsymbol{\chi}$ 2. Q-factor provides the current magnification.	
	$igmedsymbol{\chi}$ 3. It is the ratio of the circulating current to the line current.	
	✓ 4. Q-factor provides the voltage magnification.	
		Question ID : 26433096115
		Status : Answered
		Chosen Option : 1
0.02	In hystoracis motor, hystoracis torque remains prestiestly	
Q.93 Ans	In hysteresis motor, hysteresis torque remains practically	
	X 2. fluctuating	
	X 3. zero	
	4. constant	
		Question ID : 26433098252
		Status : Answered
		Chosen Option : 4
Q.94	Which of the following statements about characteristics of a hystere correct?	esis motor is NOT
A no	\mathbf{X} 1. By changing the number of stator poles through pole changing co	onnections, a set of
Ans		
	synchronous speeds for the motor can be obtained.	
	synchronous speeds for the motor can be obtained. X 2. In a hysteresis motor, the number of rotor poles are equal to the n	number of stator
	synchronous speeds for the motor can be obtained.	
	 synchronous speeds for the motor can be obtained. 2. In a hysteresis motor, the number of rotor poles are equal to the roles. 3. In a hysteresis motor the number of rotor poles are greater than poles. 	the number of stator
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Q.95	 synchronous speeds for the motor can be obtained. 2. In a hysteresis motor, the number of rotor poles are equal to the rotor poles. 3. In a hysteresis motor the number of rotor poles are greater than poles. 4. Hysteresis motors have uniform torque from stand still to synchrophysical synchrophysica	the number of stator nous speed. Question ID : 26433096567 Status : Not Answered Chosen Option :
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Ans	🛷 1. ten times high
	X 2. reduced to one tenth
	X 3. the same
	X 4. reduced by one tenth

weathink