

SSC JE EE 26 Sep 2019 Morning Session

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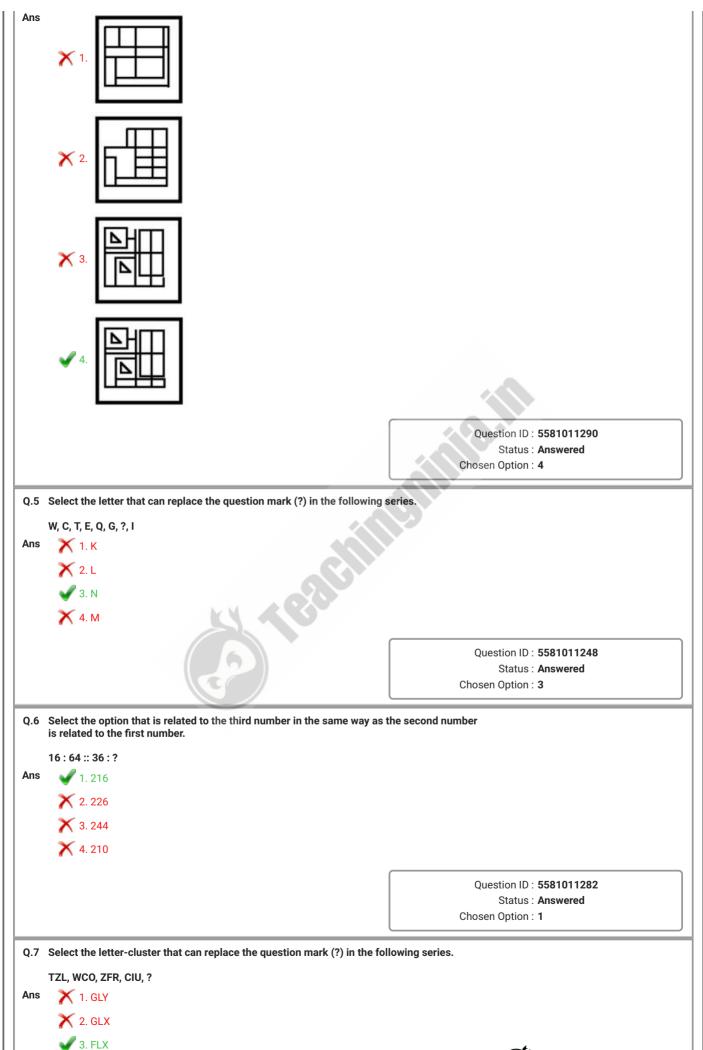
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Junior Engineer Civil Mechnical and Electrical 2018 Paper I

Roll No.	
Registration No.	
Name	🔊 Teachingninja.in
Test Venue	iON Digital Zone iDZ Kottayam
Test Time	10:00 AM - 12:00 PM
Test Date	26/09/2019
Subject	Junior Engineer 2018 Electrical

1	Saroj walks 25 m towards west, then turns left and walks 42 m. Then she turns left and walks 23 m, ar walks 17 m. How far and in which direction is she w	nd then she finally takes a left turn and			
ıs					
	🗙 2. 10 m, north				
	🗙 3. 10 m, south				
	✔ 4. 12 m, south				
		Question ID : 5581011272 Status : Answered Chosen Option : 4			
Q.2	Select the letter that can replace the question mark				
	72, 119, ?, 261, 362, 487				
Ans	X 1. 180				
	V 2. 181				
	X 3. 189				
	4. 178				
		Question ID : 5581011279			
		Status : Answered			
		Chosen Option : 2			
Q.3	Select the set in which the numbers are related in t following set.				
Q.3					
Q.3 Ans	following set.				
	following set. 15, 240, 270				
	following set. 15, 240, 270 1. 8, 72, 80				
	following set. 15, 240, 270 1. 8, 72, 80 2. 10, 110, 135				
	following set. 15, 240, 270 1. 8, 72, 80 2. 10, 110, 135 3. 11, 132, 154	the same way as are the numbers in the			
	following set. 15, 240, 270 1. 8, 72, 80 2. 10, 110, 135 3. 11, 132, 154				
	following set. 15, 240, 270 1. 8, 72, 80 2. 10, 110, 135 3. 11, 132, 154	the same way as are the numbers in the Question ID : 5581011283			
Ans	following set. 15, 240, 270 ★ 1. 8, 72, 80 ★ 2. 10, 110, 135 ★ 3. 11, 132, 154 ★ 4. 12, 126, 252	the same way as are the numbers in the Question ID : 5581011283 Status : Answered Chosen Option : 3			
	following set. 15, 240, 270 1. 8, 72, 80 2. 10, 110, 135 3. 11, 132, 154	the same way as are the numbers in the Question ID : 5581011283 Status : Answered Chosen Option : 3			
Ans	following set. 15, 240, 270 ★ 1. 8, 72, 80 ★ 2. 10, 110, 135 ★ 3. 11, 132, 154 ★ 4. 12, 126, 252	the same way as are the numbers in the Question ID : 5581011283 Status : Answered Chosen Option : 3			





	🗙 4. FKX		
			Question ID : 5581011250
			Status : Answered
			Chosen Option : 3
Q.8	In the Venn diagram given below, the pentagon represents 'employees', the circle represents represents 'graduates'. The different areas of the diagram have been marked by a number for particular group.		
	$\frac{3}{7} \frac{5}{2} \frac{6}{8}$		
	Which of the following group is represented by the area marked as '2'?		
Ans	1 female employees but not graduates		
	✗ ₂ female graduates but not employees		
	🗙 3. female graduate employees		
	✗ ₄ graduate employees but not females		
			Question ID : 5581011296 Status : Answered Chosen Option : 1
Q.9	Select the term that can replace the question mark (?) in the following s	series.	
	CARDS, DARDS, DBRDS, DBSDS, DBSES, ?		
Ans	🗙 1. DBEST	$ \land $	
	2. DBSET	S.Y	
	X 3. DBTES		
	X 4. DBSEU		
			Question ID : 5581011251
	55 - 55		Status : Answered Chosen Option : 2
	A + B means 'A is the father of B' A - B means 'A is the daughter of B' A × B means 'A is the husband of B' A \div B means 'A is the sister of B' If Q - P × S - T + V, then how is T related to Q?		
Ans	🗙 1. Maternal grandmother		
	✔ 2. Maternal grandfather		
	🗙 3. Paternal grandfather		
	🗙 4. Father		
			Question ID : 5581011274
			Status : Answered Chosen Option : 2
Q.11	Arrange the following words in the order in which they appear in an Eng	lish diction	ary.
	1. Perturb		-
	2. Pertain 3. Perform		
	4. Perfume		
Ans	5. Perfect		
-	× 2. 5, 4, 3, 2, 1		
	X 3. 5, 3, 4, 1, 2		-4
			🗭 Teachingninja.in

X 4. 4, 5, 1, 2, 3	
	Question ID : 5581011254 Status : Answered Chosen Option : 1
12 In a coffee shop, a total of 58 customers came throughout the day. 36 coffee and 32 of them ordered pizza. How many customers ordered bo	of them ordered th coffee and pizza?
ns X 1.14 X 2.12	
 ★ 3.8 ✓ 4.10 	
	Question ID : 5581011288 Status : Answered Chosen Option : 4
¹³ Select the option in which Figure X is embedded. (Rotatio	on is not allowed)
HC	
Figure X	
X 1.	
× 2	
X 3. □ □ 0	
✓ 4.	
	Question ID : 5581011291 Status : Answered Chosen Option : 4
14 Select the letter that can replace the question mark (?) in the following	series.
A, B, D, ?, P 15 X 1. N	
 ✓ 2. G ✓ 3. H 	
🗙 4. M	🗭 Teachingninja.in

	X 3. Time : minute X 4. Anger : jealousy	
	X 3. Time : minute	
	•	
	 I. Heavy : truck 2. Dubious : uncertain 	
Ans	Escalate : soar X 1. Heavy : truck	
Q.18	Select the option in which the words share the same relations pair of words.	hip as that shared by the given
		Status : Answered Chosen Option : 2
		Question ID : 5581011273
	X 4. Paternal grandfather	
	X 3. Brother	
	2. Paternal uncle	
Ans	X 1. Maternal uncle	
Q.17	Pointing to the photograph of a man, Pranjal said, 'He is my fa How is the man related to Pranjal?	ather's brother's father's son'.
		Chosen Option : 1
		Status : Answered
		Question ID : 5581011255
	× 4. 3, 2, 1, 5, 4	
	X 3. 3, 1, 2, 4, 5	
Ans	 1. 3, 1, 2, 5, 4 2. 1, 3, 2, 4, 5 	
	3. Cascade 4. Casualty 5. Casually	
	1. Cashier 2. Cassette	
2.16	Arrange the following words in the order in which they appear	r in an English dictionary.
		Status : Answered Chosen Option : 4
		Question ID : 5581011275
	✔ 4. 31st	
	🗙 3. 29th	
	× 2. 32nd	
Ans	front end?	
2.15	In a line of 60 students, Mohit is 22nd from the back end. If 7 and Janhvi who is ahead of Mohit in the line, what is the positi	
		Chosen Option : 2
		Status : Answered
		Question ID : 5581011247



Which of the following combination of words is best represented by the given Venn diagram?

าร		
15	X 1. Wheat, Fruits, Food	
	X 2. Engineers, Doctors, Lawyers	
	✔ 3. Educated, Doctors, Males	
	🗙 4. Females, Mothers, Males	
		Question ID : 5581011295
		Status : Answered
		Chosen Option : 3
	Two statements are given followed by three conclusions number the statements to be true, even if they seem to be at variance w decide which of the conclusions logically follow(s) from the star	ith commonly known facts,
	Statements: No customer is manager. All salesmen are managers.	
	Conclusions: I. No salesman is customer.	
	II. Some managers are salesmen. III. Some salesmen are customers.	
Ans	1. Only conclusion I and II follow.	
	X 2. Either conclusion I or III follows.	
	🗙 3. Only conclusion I follows.	
	🗙 4. Only conclusion I and III follow.	
		Question ID : 5581011270 Status : Answered
		Chosen Option : 1
	If 'A' stands for 'division', B stands for 'multiplication', C stands f for 'addition', then what is the value of the following equation? (109 C 11) D 156 A 39 B 3 (4 D 1) C 27 = ? 1.135 2.145 3.141 4.131	or 'subtraction' and D stands
		Question ID : 5581011285 Status : Answered
		Chosen Option : 4
).22 Ans	'Gujarat' is related to 'west' in the same way as 'Tamil Nadu' is r 1. south	elated to ''.
	2. India	
	X 3. east	
	🗙 4. Chennai	
		Question ID : 5581011258
		Status : Answered Chosen Option : 1

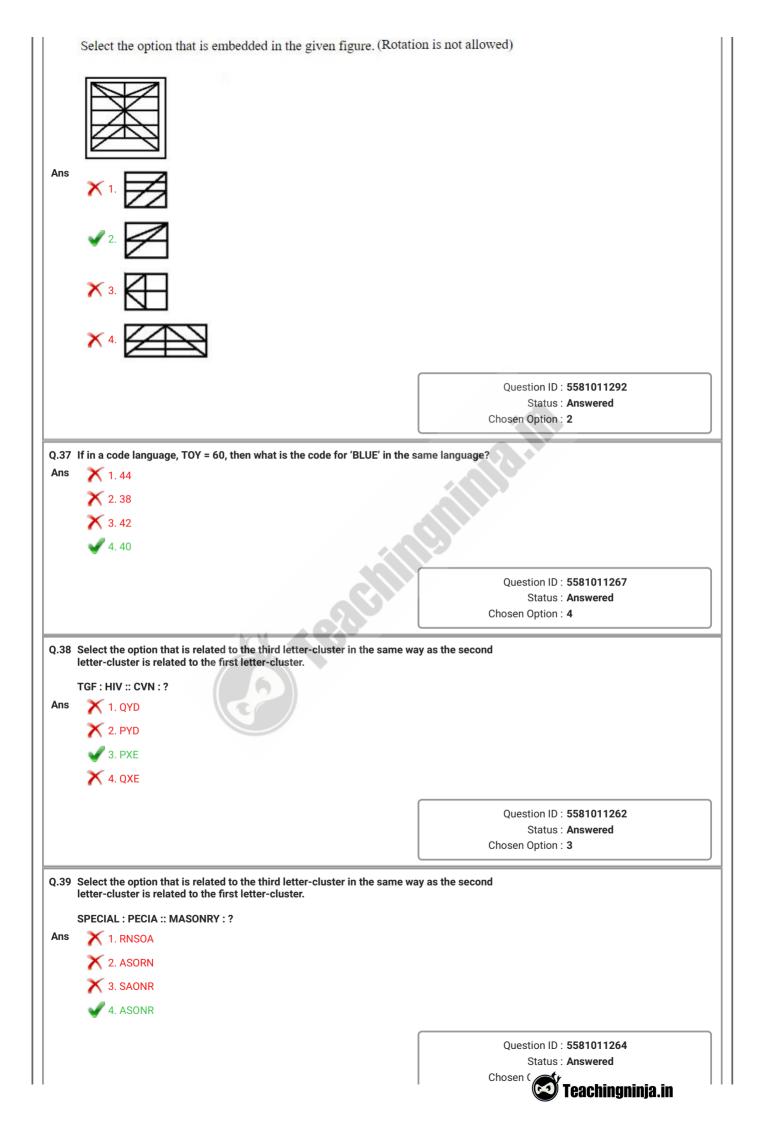


	🗙 2. Lakshika or Shivani	
	💞 3. Aanchal	
	🗙 4. Shivani	
		Question ID : 5581011276 Status : Answered
		Chosen Option : 3
		S - 24 ST 41 THERE THE
24	Find the missing number from among	the below options.
	54 80 94	
	36 46 30	
	45 63 ?	
ns	× 1. 66	
	X 2. 64	
	✓ 3. 62	
	X 4. 68	
		Question ID : 5581011284
		Status : Not Attempted and Marked For Review
		Chosen Option :
	 2. WZIV 3. UVJV 4. WYIT 	
	4. WYII	
		Question ID : 5581011265
		Status : Answered Chosen Option : 2
	Select the option that is related to the third word in the	same way as the second word is
26	related to the first word.	
26		
	Needle : stitch :: scissor : ?	
	🗙 1. iron	
	 1. iron 2. cloth 	
	 1. iron 2. cloth 3. cut 	
	 1. iron 2. cloth 	
	 1. iron 2. cloth 3. cut 	Question ID : 5581011257
	 1. iron 2. cloth 3. cut 	Question ID : 5581011257 Status : Answered
26 1s	 1. iron 2. cloth 3. cut 	
IS	 1. iron 2. cloth 3. cut 4. tailor 	Status : Answered Chosen Option : 3
27	 1. iron 2. cloth 3. cut 	Status : Answered Chosen Option : 3

	Conclusions: I. Some solids are liquids. II. Some liquids are gases.		
	III. No liquid is gas.		
ns	1. Conclusion I and either conclusion II or III follow.		
	2. Only conclusions I and II follow.		
	igma 3. Conclusion II and either conclusion I or III follow.		
	X 4. Only conclusions I and III follow.		
		Question ID	5581011269
			Answered
		Chosen Option :	: 1
2.28	Select the option in which the words share the same relationship as the pair of words.	at shared by the given	
	Tonsillitis : throat		
Ans	🗙 1. Blood: Anaemia		
	🗙 2. Knee : joints		
	🗙 3. Goitre : intestine		
	🖌 4. Polio : leg		
			5581011261
		Chosen Option :	Answered
	the given number-pair.		
	7 : 350 1. 6 : 222 2. 5 : 625		
	7:350 ✓ 1.6:222 × 2.5:625 × 3.4:216		
	7 : 350 1. 6 : 222 2. 5 : 625		
	7:350 ✓ 1.6:222 × 2.5:625 × 3.4:216	Question ID	5581011280
	7:350 ✓ 1.6:222 × 2.5:625 × 3.4:216		5581011280 Not Attempted and
	7:350 ✓ 1.6:222 × 2.5:625 × 3.4:216	Status	Not Attempted and Marked For Review
	7:350 ✓ 1.6:222 × 2.5:625 × 3.4:216		Not Attempted and Marked For Review
Ans .30	7:350 ✓ 1.6:222 ✓ 2.5:625 ✓ 3.4:216 ✓ 4.8:636 In a code language, 'NECK' is written as '1422311'. How will 'NOSE' be a	Status : Chosen Option :	Not Attempted and Marked For Review
Ans ().30	7:350 1.6:222 2.5:625 3.4:216 4.8:636 In a code language, 'NECK' is written as '1422311'. How will 'NOSE' be a language?	Status : Chosen Option :	Not Attempted and Marked For Review
Ans .30	7:350 1.6:222 2.5:625 3.4:216 4.8:636 In a code language, 'NECK' is written as '1422311'. How will 'NOSE' be a language? 1.14111822	Status : Chosen Option :	Not Attempted and Marked For Review
Ans ().30	7:350 1.6:222 2.5:625 3.4:216 4.8:636 In a code language, 'NECK' is written as '1422311'. How will 'NOSE' be a language? 1.14111822 2.14121922	Status : Chosen Option :	Not Attempted and Marked For Review
Ans ().30	7:350 1.6:222 2.5:625 3.4:216 4.8:636 In a code language, 'NECK' is written as '1422311'. How will 'NOSE' be a language? 1.14111822 2.14121922 3.1312195	Status : Chosen Option :	Not Attempted and Marked For Review
Ans ().30	7:350 1.6:222 2.5:625 3.4:216 4.8:636 In a code language, 'NECK' is written as '1422311'. How will 'NOSE' be a language? 1.14111822 2.14121922	Status : Chosen Option :	Not Attempted and Marked For Review
Ans ().30	7:350 1.6:222 2.5:625 3.4:216 4.8:636 In a code language, 'NECK' is written as '1422311'. How will 'NOSE' be a language? 1.14111822 2.14121922 3.1312195	Status : Chosen Option : written in that	Not Attempted and Marked For Review
Ans ().30	7:350 1.6:222 2.5:625 3.4:216 4.8:636 In a code language, 'NECK' is written as '1422311'. How will 'NOSE' be a language? 1.14111822 2.14121922 3.1312195	Status : Chosen Option : written in that Question ID :	Not Attempted and Marked For Review
Ans 9.30	7:350 1.6:222 2.5:625 3.4:216 4.8:636 In a code language, 'NECK' is written as '1422311'. How will 'NOSE' be a language? 1.14111822 2.14121922 3.1312195	Status : Chosen Option : written in that Question ID :	Not Attempted and Marked For Review
Ans).30 Ans	7:350 1.6:222 2.5:625 3.4:216 4.8:636 In a code language, 'NECK' is written as '1422311'. How will 'NOSE' be very language? 1.14111822 2.14121922 3.1312195 4.1415195 In a code language, 'TOAST' is written as 'WLXVW'. How will 'RAISE' be	Status : Chosen Option : written in that Question ID : Status : Chosen Option :	Not Attempted and Marked For Review
Ans).30 Ans	7 : 350 1. 6 : 222 2. 5 : 625 3. 4 : 216 4. 8 : 636 In a code language, 'NECK' is written as '1422311'. How will 'NOSE' be a language? 1. 14111822 2. 14121922 3. 1312195 4. 1415195 In a code language, 'TOAST' is written as 'WLXVW'. How will 'RAISE' be language?	Status : Chosen Option : written in that Question ID : Status : Chosen Option :	Not Attempted and Marked For Review
Ans).30 Ans	7:350 1.6:222 2.5:625 3.4:216 4.8:636 In a code language, 'NECK' is written as '1422311'. How will 'NOSE' be a language? 1.14111822 2.14121922 3.1312195 4.1415195 In a code language, 'TOAST' is written as 'WLXVW'. How will 'RAISE' be language? 1.UXFVB	Status : Chosen Option : written in that Question ID : Status : Chosen Option :	Not Attempted and Marked For Review
Ans).30 Ans	7 : 350 1. 6 : 222 2. 5 : 625 3. 4 : 216 4. 8 : 636 In a code language, 'NECK' is written as '1422311'. How will 'NOSE' be very language? 1. 14111822 2. 14121922 3. 1312195 4. 1415195 In a code language, 'TOAST' is written as 'WLXVW'. How will 'RAISE' be language? 1. UXFVB 2. UXFWB	Status : Chosen Option : written in that Question ID : Status : Chosen Option :	Not Attempted and Marked For Review
Ans).30 Ans	7:350 1.6:222 2.5:625 3.4:216 4.8:636 In a code language, 'NECK' is written as '1422311'. How will 'NOSE' be a language? 1.14111822 2.14121922 3.1312195 4.1415195 In a code language, 'TOAST' is written as 'WLXVW'. How will 'RAISE' be language? 1.UXFVB	Status : Chosen Option : written in that Question ID : Status : Chosen Option :	Not Attempted and Marked For Review

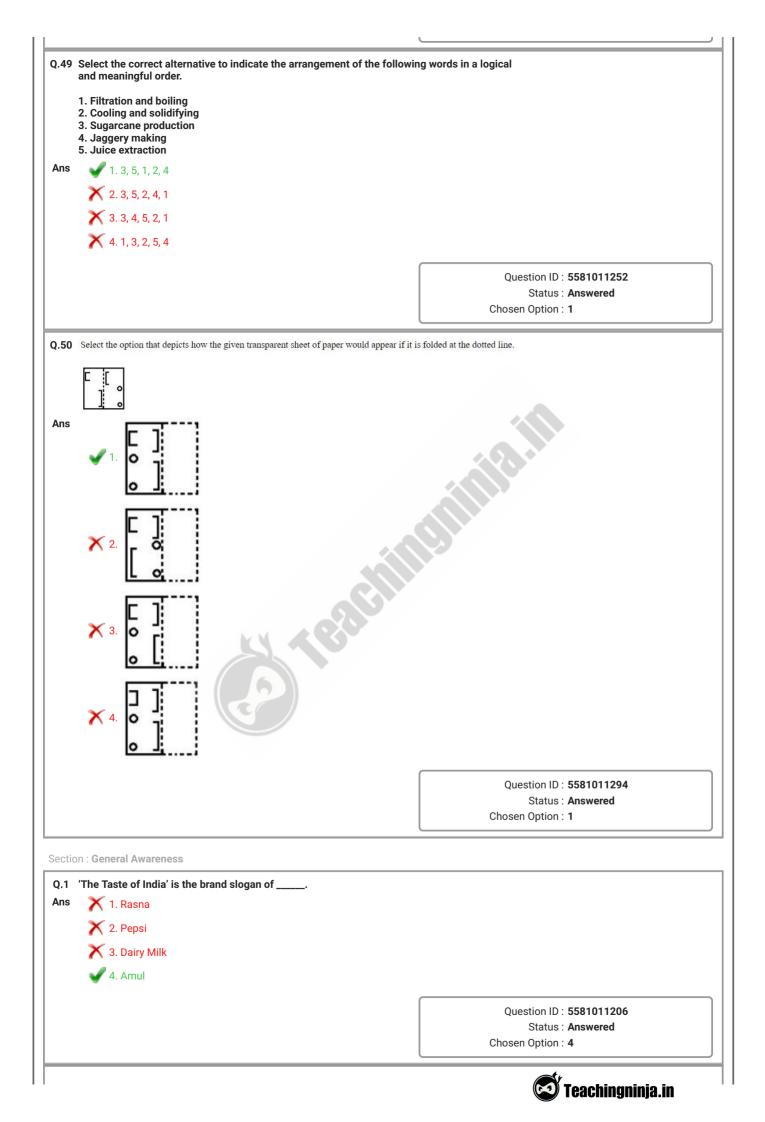
		Question ID : 5581011266 Status : Answered
		Chosen Option : 1
Q.32	Select the correct alternative to indicate the arrangement of and meaningful order.	the following words in a logical
	1. Delhi 2. Red Fort 3. World	
	4. Asia 5. India	
Ans	🗙 1. 3, 4, 5, 2, 1	
	🖌 2. 2, 1, 5, 4, 3	
	🗙 3. 2, 1, 5, 3, 4	
	🗙 4. 1, 2, 5, 4, 3	
		Question ID : 5581011253
		Status : Answered
		Chosen Option : 4
Q.33	Select the option in which the words share the same relations pair of words.	ship as that shared by the given
	Country : border	
Ans	✓ 1. Sea : coastline	
	2. Square : rectangle	
	X 3. Road : highway	
	4. Ship : sail	
	•••••	
		Question ID : 5581011260 Status : Answered
		Chosen Option : 1
0 34	Select the number that can replace the question mark (?) in t	he following series
ų.u i	32, 39, 53, 74, ?	
Ans	× 1.103	
	2. 104	
	3. 102	
	4. 105	
		Question ID : 5581011277 Status : Answered
		Chosen Option : 3
0.25	Select the numbers that can replace the question marks (2) is	n the following parise
4.33	Select the numbers that can replace the question marks (?) in 22, 25, 19, 28, 16, 31, ?, ?	n die ronowing series.
Ans	22, 25, 19, 28, 10, 31, ? , ? X 1. 15, 35	
	2. 13, 34	
	X 3. 12, 32	
	X 4. 14, 33	
		Question ID : 5581011278
		Status : Answered Chosen Option : 2
Q.36		





	Three batsmen Anjana, Yamini and Gargi made a total of 9 made runs equal to one third of the runs made by Gargi. Ga of runs made by Yamini. How many runs did Anjana make	argi made just double the number
ns	✔ 1. 18	
	X 2. 45	
	🗙 3. 33	
	X 4. 27	
		Question ID : 5581011287 Status : Answered
		Chosen Option : 1
2.41	Which of the following pairs of symbols will NOT be on the opposite fac	ces when the given sheet is folded to form a
	cube?	
	# @ 	
	&	
	<u>96</u> +	
ns	✔ 1. % and @	
	🗙 2. # and +	
	🗙 3. @ and &	
	× 4. \$ and %	
		Question ID : 5581011289
	Select the correct mirror image of the given letter cluster whe T R B M N Q	Status : Answered Chosen Option : 1
	Select the correct mirror image of the given letter cluster whe TRBMNQ 1. ONWANL 2. OMMANT 3. OMMANT	Status : Answered Chosen Option : 1
Q.42	Select the correct mirror image of the given letter cluster whe TRBMNQ X 1. QNWABJL X 2. OMMAST	Status : Answered Chosen Option : 1
_	Select the correct mirror image of the given letter cluster whe TRBMNQ 1. ONWANL 2. OMMANT 3. OMMANT	Status : Answered Chosen Option : 1 en a mirror is placed on its right side. Question ID : 5581011293
	Select the correct mirror image of the given letter cluster whe TRBMNQ 1. ONWANL 2. OMMANT 3. OMMANT	Status : Answered Chosen Option : 1
Ans	Select the correct mirror image of the given letter cluster whe T R B M N Q X 1. Q N IN & X J X 2. Q M M & X J 3. Q M M & X T 3. Q M M & X T X 4. Q N IN & X T Which two signs and two numbers should be interchanged	Status : Answered Chosen Option : 1 en a mirror is placed on its right side. Question ID : 5581011293 Status : Answered Chosen Option : 3
Ans .43	Select the correct mirror image of the given letter cluster whe T R B M N Q X 1. Q N IN A A J X 2. O M M A A J 3. Q M M A A T 3. Q M M A A T X 4. Q N IN A A T Which two signs and two numbers should be interchanged correct?	Status : Answered Chosen Option : 1 en a mirror is placed on its right side. Question ID : 5581011293 Status : Answered Chosen Option : 3
Ans .43	Select the correct mirror image of the given letter cluster whe T R B M N Q \checkmark 1. O N IN A A J \checkmark 2. O M M A A T \checkmark 3. O M M A A T \checkmark 4. O N IN A A T \checkmark 4. O N IN A A T \checkmark 4. O N IN A A T Which two signs and two numbers should be interchanged correct? $57 + 4 \times 17 - 11 \div 19 = 44$	Status : Answered Chosen Option : 1 en a mirror is placed on its right side. Question ID : 5581011293 Status : Answered Chosen Option : 3
Ans .43	Select the correct mirror image of the given letter cluster when T R B M N Q \checkmark 1. Q N IN & H J J \checkmark 2. Q M M & H J T \checkmark 3. Q M M & H J T \checkmark 3. Q M M & H J T \checkmark 4. Q N IN & H J T \checkmark 4. Q N IN & H J T Which two signs and two numbers should be interchanged correct? $57 + 4 \times 17 - 11 \div 19 = 44$ \checkmark 1. 4 and 57, + and \div	Status : Answered Chosen Option : 1 en a mirror is placed on its right side. Question ID : 5581011293 Status : Answered Chosen Option : 3
Ans .43	Select the correct mirror image of the given letter cluster whe T R B M N Q \times 1. O N IN A A J \sim 2. O M M A A T \sim 3. O M M A A T \sim 3. O M M A A T \sim 4. O N IN A A T \sim 4. O N IN A A T Which two signs and two numbers should be interchanged correct? $57 + 4 \times 17 - 11 \div 19 = 44$ \sim 1. 4 and 57, + and ÷ \sim 2. 57 and 11, ÷ and ×	Status : Answered Chosen Option : 1 en a mirror is placed on its right side. Question ID : 5581011293 Status : Answered Chosen Option : 3
Ans .43	Select the correct mirror image of the given letter cluster when T R B M N Q \checkmark 1. Q N IN & H J J \checkmark 2. Q M M & H J T \checkmark 3. Q M M & H J T \checkmark 3. Q M M & H J T \checkmark 4. Q N IN & H J T \checkmark 4. Q N IN & H J T Which two signs and two numbers should be interchanged correct? $57 + 4 \times 17 - 11 \div 19 = 44$ \checkmark 1. 4 and 57, + and \div	Status : Answered Chosen Option : 1 en a mirror is placed on its right side. Question ID : 5581011293 Status : Answered Chosen Option : 3
Ans 	Select the correct mirror image of the given letter cluster whe T R B M N Q \checkmark 1. Q N IN 8 8 J \checkmark 2. \circlearrowright M M 8 8 T \checkmark 3. Q M M 8 8 T \checkmark 4. Q N IN 8 8 T Which two signs and two numbers should be interchanged correct? 57 + 4 × 17 - 11 ÷ 19 = 44 \checkmark 1. 4 and 57, + and ÷ \checkmark 2. 57 and 11, ÷ and × \checkmark 3. 4 and 19, + and -	Status : Answered Chosen Option : 1 en a mirror is placed on its right side. Question ID : 5581011293 Status : Answered Chosen Option : 3
Ans A.43	Select the correct mirror image of the given letter cluster whe T R B M N Q \checkmark 1. Q N IN 8 8 J \checkmark 2. \circlearrowright M M 8 8 T \checkmark 3. Q M M 8 8 T \checkmark 4. Q N IN 8 8 T Which two signs and two numbers should be interchanged correct? 57 + 4 × 17 - 11 ÷ 19 = 44 \checkmark 1. 4 and 57, + and ÷ \checkmark 2. 57 and 11, ÷ and × \checkmark 3. 4 and 19, + and -	Status : Answered Chosen Option : 1 en a mirror is placed on its right side. Question ID : 5581011293 Status : Answered Chosen Option : 3 d to make the given equation

ns 🗙 1. sunday	
X 2. weekend	
✔ 3. day	
🗙 4. festival	
	Question ID : 5581011256 Status : Answered
	Chosen Option : 3
.45 Select the option that is related to the third letter-cluster in the same v letter-cluster is related to the first letter-cluster.	vay as the second
KaTu : NdWx :: RtJc : ?	
ns 🗙 1. UwME	
🗙 2. TvLe	
✓ 3. UwMf	
4. TzNf	
7. 1210	
	Question ID : 5581011263
	Status : Answered Chosen Option : 3
	Grocer option. J
.46 Select the letter-cluster that can replace the question mark (?) in the f	ollowing series.
JQO, MRR, PSU, ?, VUA	
uns 🗙 1. RTX	
🖌 2. STX	
X 3. SSY	
4 . STY	
	Question ID : 5581011249
	Status : Answered Chosen Option : 2
0.47 Select the option that is related to the third number in the same way as is related to the first number.	the second number
12:312:10:?	
Ans X 1.218	
2.230	
× 3.226	
4 . 220	
	Question ID : 5581011281
	Status : Answered
	Status : Answered Chosen Option : 4
2.48 Kelvin and Kartik are sitting with their backs towards each other. At th	Chosen Option : 4
shadow of Kartik falls exactly to his right side, then which direction is	Chosen Option : 4
shadow of Kartik falls exactly to his right side, then which direction is Ans X1. North	Chosen Option : 4
shadow of Kartik falls exactly to his right side, then which direction is Ans X 1. North X 2. West	Chosen Option : 4
shadow of Kartik falls exactly to his right side, then which direction is Ans 1. North 2. West 3. East	Chosen Option : 4
shadow of Kartik falls exactly to his right side, then which direction is Ans X 1. North X 2. West	Chosen Option : 4
Ans X 1. North X 2. West X 3. East	chosen Option : 4
shadow of Kartik falls exactly to his right side, then which direction is Ans X 1. North X 2. West X 3. East	Chosen Option : 4
shadow of Kartik falls exactly to his right side, then which direction is Ans X 1. North X 2. West X 3. East	Chosen Option : 4 e time of sunset, if the Kelvin facing? Question ID : 5581011271



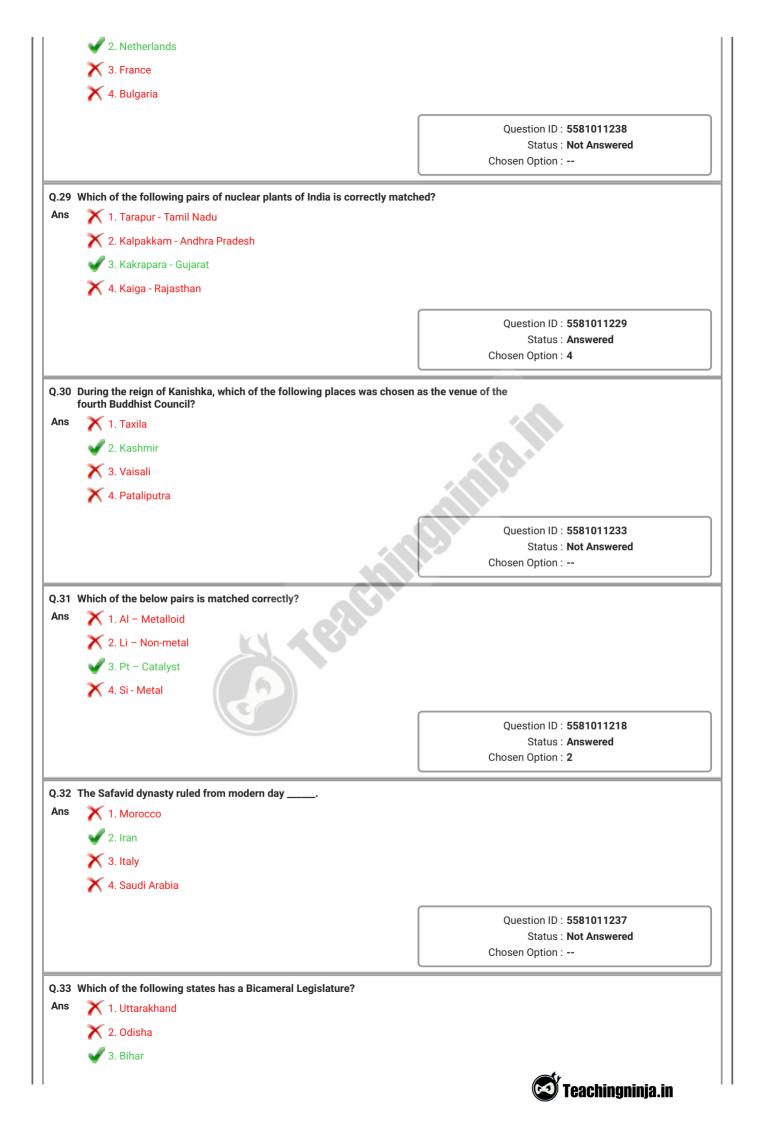
	🗹 2. lion tailed macaque	
	🗙 3. desert fox	
	🗙 4. wild Asiatic buffalo	
		Question ID : 5581011232 Status : Answered
		Chosen Option : 2
2.3 .ns	With which of the following states does Madhya Pradesh NOT	T share its boundary?
	1. Maharashtra	
	2. Odisha	
	X 3. Uttar Pradesh	
	🗙 4. Gujarat	
		Question ID : 5581011230
		Status : Not Answered
		Chosen Option :
).4	Hyperion is the name of one of the moons of	
ns	X 1. Venus	
	X 2. Jupiter	
	✓ 3. Saturn	
	4. Uranus	
		Question ID : 5581011223
		Status : Not Answered Chosen Option :
	The Haier Group Corporation is a based producer of co	onsumer electronics.
ns	1. Singapore	
	2. North Korea	
	J. China	
	X 4. Germany	
		Question ID : 5581011205
		Status : Answered
		Chosen Option : 4
) 6	Which of the following is NOT a subject under the Concurrent	t List of the Constitution of
(India?	
ns	✔ 1. Public Health	
	🗙 2. Trade Unions	
	X 3. Adulteration	
	X 4. Bankruptcy and insolvency	
		Question ID : 5581011242
		Status : Not Answered
		Chosen Option :
7	How many Lok Sabba costs did the Indian National Commerce	win in the 2010 general
ŧ./	How many Lok Sabha seats did the Indian National Congress elections?	win in the 2017 general

2.72	
X 3.91	
X 4. 64	
	Question ID : 5581011203
	Status : Not Answered
	Chosen Option :
.8 In August 2019, who among the following has been appointed as Drug C	Controller General of
India?	
2. Anil Verma	
✔ 3. VG Somani	
🗙 4. Ramesh Shukla	
	Question ID : 5581011199
	Status : Not Answered
	Chosen Option :
.9 Rajrappa is the location of a Shaktipeeth as well as the confluence of th	e rivers Damodar
and Vera. Which state is it located in?	
ns 🗙 1. Odisha	
✔ 2. Jharkhand	
🗙 3. Bihar	
🗙 4. West Bengal	
	Question ID : 5581011226
	Status : Not Answered
	Chosen Option :
10 Which of the following was the first Indian station on the Antarctica?	
ns X 1. Purva Gangotri	
2. Paschim Gangotri	
3. Uttar Gangotri	
 4. Dakshin Gangotri 	
	Question ID : 5581011227
	Status : Not Answered Chosen Option :
11 In which year did India reach the final of Davis Cup but refused to play a	s a mark of protest
against the South African government's apartheid policies?	
2. 1974	
× 3. 1982	
X 4. 1968	
	Question ID : 5581011246
	Status : Not Answered
	Chosen Option :
12 In August 2019 which of the following states released the biofuel policy	2019, on the eve of
World Biofuel Day?	
ns X 1. Bihar	

		Question ID : 5581011201
		Status : Not Answered Chosen Option :
	Who or what is a chuckwalla?	
ns	1. Lizard	
	2. Anopheles mosquito	
	X 3. Chameleon	
	X 4. Snake	
		Question ID : 5581011216
		Status : Not Answered Chosen Option :
		Chosen Option
.14	Which planetarium in India is inspired by the architecture of the Sanchi	Stupa?
ns	✔ 1. Birla Planetarium, Kolkata	
	🗙 2. Pathani Samanta Planetarium, Bhubaneshwar.	
	🗙 3. Nehru Planetarium, Mumbai	
	🗙 4. Indira Gandhi Planetarium, Patna	
		Question ID : 5581011213
		Status : Not Answered
		Chosen Option :
	1. Mudrarakshasa	
	 1. Mudrarakshasa 2. Malatimadhava 3. Mahaviracharita 4. Uttararamacharita 	
	 2. Malatimadhava 3. Mahaviracharita 	Question ID : 5581011234
	 2. Malatimadhava 3. Mahaviracharita 	Status : Not Answered
	 2. Malatimadhava 3. Mahaviracharita 	
Ans 9.16	 2. Malatimadhava 3. Mahaviracharita 4. Uttararamacharita 'Amuktamalyada' one of the works of Krishnadevaraya was written in: 	Status : Not Answered
Ans 9.16	 2. Malatimadhava 3. Mahaviracharita 4. Uttararamacharita 'Amuktamalyada' one of the works of Krishnadevaraya was written in: 1. Sanskrit 	Status : Not Answered
Ans 9.16	 X. Malatimadhava X. Mahaviracharita X. Uttararamacharita X. Uttararamacharita Yamuktamalyada' one of the works of Krishnadevaraya was written in: X. Sanskrit X. Sanskrit X. Kannada 	Status : Not Answered
Ans .16	 X 2. Malatimadhava X 3. Mahaviracharita X 4. Uttararamacharita X 4. Uttararamacharita X 4. Uttararamacharita X 1. Sanskrit X 2. Kannada X 3. Tamil 	Status : Not Answered
).15 Ans).16 Ans	 X. Malatimadhava X. Mahaviracharita X. Uttararamacharita X. Uttararamacharita Yamuktamalyada' one of the works of Krishnadevaraya was written in: X. Sanskrit X. Sanskrit X. Kannada 	Status : Not Answered
Ans 9.16	 X 2. Malatimadhava X 3. Mahaviracharita X 4. Uttararamacharita X 4. Uttararamacharita X 4. Uttararamacharita X 1. Sanskrit X 2. Kannada X 3. Tamil 	Status : Not Answered
Ans .16	 X 2. Malatimadhava X 3. Mahaviracharita X 4. Uttararamacharita X 4. Uttararamacharita X 4. Uttararamacharita X 1. Sanskrit X 2. Kannada X 3. Tamil 	Status : Not Answered Chosen Option : Question ID : 5581011235 Status : Not Answered
.16	 X 2. Malatimadhava X 3. Mahaviracharita X 4. Uttararamacharita X 4. Uttararamacharita X 4. Uttararamacharita X 1. Sanskrit X 2. Kannada X 3. Tamil 	Status : Not Answered Chosen Option : Question ID : 5581011235
Ans .16 Ans	 X 2. Malatimadhava X 3. Mahaviracharita X 4. Uttararamacharita X 4. Uttararamacharita X 4. Uttararamacharita X 1. Sanskrit X 2. Kannada X 3. Tamil 	Status : Not Answered Chosen Option : Question ID : 5581011235 Status : Not Answered
.16 .ns	 X. Malatimadhava X. Mahaviracharita X. Uttararamacharita YAmuktamalyada' one of the works of Krishnadevaraya was written in: X. Sanskrit X. Kannada X. Tamil A. Telugu 	Status : Not Answered Chosen Option : Question ID : 5581011235 Status : Not Answered
.16 .ns	 Alatimadhava 3. Mahaviracharita 4. Uttararamacharita 'Amuktamalyada' one of the works of Krishnadevaraya was written in: 1. Sanskrit 2. Kannada 3. Tamil 4. Telugu 	Status : Not Answered Chosen Option : Question ID : 5581011235 Status : Not Answered
.16 .ns	 2. Malatimadhava 3. Mahaviracharita 4. Uttararamacharita 'Amuktamalyada' one of the works of Krishnadevaraya was written in: 1. Sanskrit 2. Kannada 3. Tamil 4. Telugu 	Status : Not Answered Chosen Option : Question ID : 5581011235 Status : Not Answered
Ans 9.16	 2. Malatimadhava 3. Mahaviracharita 4. Uttararamacharita 'Amuktamalyada' one of the works of Krishnadevaraya was written in: 1. Sanskrit 2. Kannada 3. Tamil 4. Telugu dam is located over the Kaveri River in Tamil Nadu. 1. GB Pant Sagar 2. Sardar Sarovar 	Status : Not Answered Chosen Option : Question ID : 5581011235 Status : Not Answered

		Question ID : 5581011228 Status : Not Answered Chosen Option :
Q.18 Ans	On 9th December 1946 who chaired the first session of the Constituent 1. Govind Ballabh Pant 2. Sarat Chandra Bose	t Assembly?
	 Sarat Chandra Bose 3. Sachchidananda Sinha 	
	X 4. M Asaf Ali	
		Question ID : 5581011241
		Status : Not Answered Chosen Option :
	In July 2019, who among the following was appointed as the new brand fitness and lifestyle brand Reebok?	d ambassador of
Ans	🗙 1. Hritik Roshan	
	🗙 2. Vicky Kaushal	
	🗙 3. Ranbir Singh	
	✔ 4. Varun Dhawan	
		Question ID : 5581011239
		Status : Not Answered
		Chosen Option :
Q.20	Which country was associated with the invention of safety matches ?	
Ans	X 1. Denmark	
	X 2. Switzerland	
	3. Sweden	
	X 4. Netherlands	
		Question ID : 5581011220
		Status : Not Answered
	6	Chosen Option :
	On which date is National Science Day observed in India?	
Ans	1. 8th March	
	2. 15th September	
	X 3. 22nd December	
	✔ 4. 28th February	
		Question ID : 5581011224
		Status : Not Answered Chosen Option :
	Who published the first recognisable Periodic Table?	
Ans	1. Wolfgang Pauli	
	2. Dmitri Mendeleev	
	X 3. John Dalton	
	🗙 4. Amadeo Carlos Avagadro	
		Question ID : 5581011221
		Status : Not Answered Chosen Option :
		🐼 Teachingninja.in

	Final?	nd Badminton Championship			
Ans	🗸 🗸 1. Liem Swei King				
	🗙 2. Rudy Hartono				
	🗙 3. Svend Pri				
	🗙 4. Tan Joe Hok				
		Question ID : 5581011245 Status : Not Answered			
		Chosen Option :			
.24 Ans	Which of the following is NOT a computer language?				
	X 2. FORTRAN				
	 ✓ 3. DTH 				
	X 4. Pascal				
		Question ID : 5581011197			
		Status : Not Answered			
		Chosen Option :			
.25	The famous Jog Falls is in				
Ans	 1. Karnataka 				
	🗙 2. Telangana				
	X 3. Sikkim				
	× 4. Goa				
	4.000				
		Question ID : 5581011231			
		Status : Answered Chosen Option : 1			
	Which metal is used as a shield in a nuclear reactor?				
Ans	X 1. Manganese				
	X 2. Cobalt				
	🗙 3. Uranium				
	🗸 4. Lead				
		Question ID : 5581011208 Status : Not Answered			
		Chosen Option :			
07.1					
.27 Ins	Which of the following chemical processes is used to harden r X 1. Valorisation	ubber:			
-	X 2. Volatilisation				
	 ✓ 3. Vulcanisation 				
	X 4. Vaporisation				
		Question ID : 5581011211			
		Status : Answered			
		Chosen Option : 3			
. 20	The football player Wesley Sneijder who announced his retiren	nent in August 2019, is			
.20	associated with which country?				



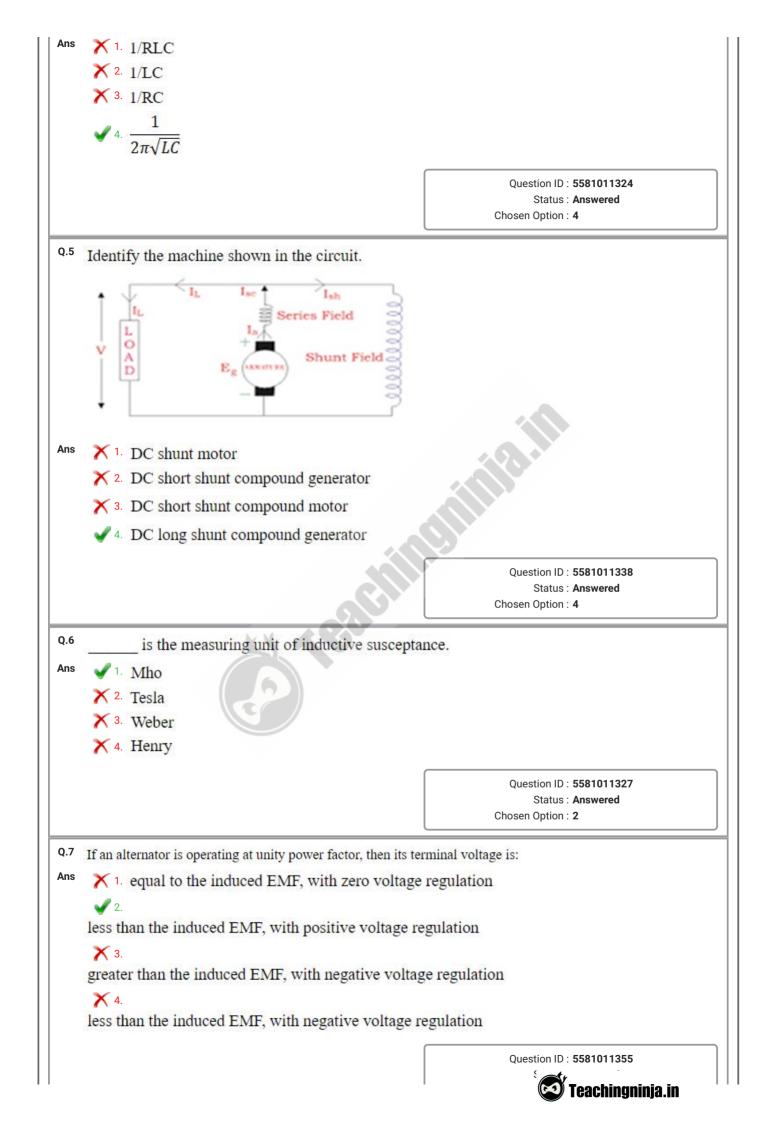
	🗙 4. Madhya Pradesh	
		Question ID : 5581011244
		Status : Not Answered
		Chosen Option :
.34	The part of the earth's surface and atmosphere where plants	and animals live is called
ns	X 1. Troposphere	
	✓ 2. Biosphere	
	🗙 3. Lithosphere	
	🗙 4. Hydrosphere	
		Question ID : 5581011222
		Status : Answered
		Chosen Option : 2
	As of August 2019, the India's permanent representative to t	the United Nations is:
Ans	 1. Syed Akbaruddin 	
	2. G Parthasarathy	
	X 3. Kamlesh Sharma	
	🗙 4. Rajeswar Dayal	
		Question ID : 5581011240
		Status : Not Answered
		Chosen Option :
	2019 happens to be the 150th year of which famous science	e journal/magazine?
Ans	1 Now Colontiat	
-113	X 1. New Scientist	
-113	X 2. Euro Scientist	
-115	 2. Euro Scientist 3. Nature 	
-113	X 2. Euro Scientist	
	 2. Euro Scientist 3. Nature 	Question ID : 5581011225
	 2. Euro Scientist 3. Nature 	Status : Not Answered
110	 2. Euro Scientist 3. Nature 	
	 2. Euro Scientist 3. Nature 4. Scientific American 	Status : Not Answered Chosen Option :
).37	 2. Euro Scientist 3. Nature 4. Scientific American In the context of Medieval Indian History, which of the follow denoted as 'Turan'?	Status : Not Answered Chosen Option :
	 2. Euro Scientist 3. Nature 4. Scientific American In the context of Medieval Indian History, which of the follow denoted as 'Turan'? 1. West Europe	Status : Not Answered Chosen Option :
).37	 2. Euro Scientist 3. Nature 4. Scientific American In the context of Medieval Indian History, which of the follow denoted as 'Turan'? 1. West Europe 2. South Asia 	Status : Not Answered Chosen Option :
).37	 2. Euro Scientist 3. Nature 4. Scientific American In the context of Medieval Indian History, which of the follow denoted as 'Turan'? 1. West Europe	Status : Not Answered Chosen Option :
).37	 2. Euro Scientist 3. Nature 4. Scientific American In the context of Medieval Indian History, which of the follow denoted as 'Turan'? 1. West Europe 2. South Asia 3. East Asia 	Status : Not Answered Chosen Option :
).37	 2. Euro Scientist 3. Nature 4. Scientific American In the context of Medieval Indian History, which of the follow denoted as 'Turan'? 1. West Europe 2. South Asia 3. East Asia 	Status : Not Answered Chosen Option : ving geographical belts was Question ID : 5581011236
9.37	 2. Euro Scientist 3. Nature 4. Scientific American In the context of Medieval Indian History, which of the follow denoted as 'Turan'? 1. West Europe 2. South Asia 3. East Asia 	Status : Not Answered Chosen Option :
).37 Ans	 2. Euro Scientist 3. Nature 4. Scientific American In the context of Medieval Indian History, which of the follow denoted as 'Turan'? 1. West Europe 2. South Asia 3. East Asia 4. Central Asia 	Status : Not Answered Chosen Option : ving geographical belts was Question ID : 5581011236 Status : Not Answered Chosen Option :
).37 Ans	 2. Euro Scientist 3. Nature 4. Scientific American In the context of Medieval Indian History, which of the follow denoted as 'Turan'? 1. West Europe 2. South Asia 3. East Asia 4. Central Asia 	Status : Not Answered Chosen Option : ving geographical belts was Question ID : 5581011236 Status : Not Answered Chosen Option :
).37 Ans	 2. Euro Scientist 3. Nature 4. Scientific American In the context of Medieval Indian History, which of the follow denoted as 'Turan'? 1. West Europe 2. South Asia 3. East Asia 4. Central Asia In August 2019, the Indian Navy conducted the 14th edition bilateral exercises with 1. China	Status : Not Answered Chosen Option : ving geographical belts was Question ID : 5581011236 Status : Not Answered Chosen Option :
).37 Ans	 2. Euro Scientist 3. Nature 4. Scientific American In the context of Medieval Indian History, which of the follow denoted as 'Turan'? 1. West Europe 2. South Asia 3. East Asia 4. Central Asia In August 2019, the Indian Navy conducted the 14th edition bilateral exercises with 1. China 2. France 	Status : Not Answered Chosen Option : ving geographical belts was Question ID : 5581011236 Status : Not Answered Chosen Option :
).37 Ans	 2. Euro Scientist 3. Nature 4. Scientific American In the context of Medieval Indian History, which of the follow denoted as 'Turan'? 1. West Europe 2. South Asia 3. East Asia 4. Central Asia In August 2019, the Indian Navy conducted the 14th edition bilateral exercises with 1. China	Status : Not Answered Chosen Option : ving geographical belts was Question ID : 5581011236 Status : Not Answered Chosen Option :

		Question ID : 5581011200 Status : Not Answered Chosen Option :
Q.39 In	NASA parlance, what is 'EVA'?	
Ans	X 1. weightlessness	
	X 2. Zero gravity	
	✓ 3. Spacewalk	
	X 4. Parking orbit	
		Question ID : 5581011212
		Status : Not Answered Chosen Option :
Q.40 W	hich of the following is a markup language?	
Ans	1. HTML	
	🗙 2. РНР	
	🗙 3. Python	
	🗙 4. Java	
		Question ID : 5581011198 Status : Not Answered
		Chosen Option :
Q.41 To Pa	o whom did Rabindranath Tagore dedicate his collection of essays arichay'?	s in science, 'Visva
Ans	🗙 1. Prof P C Roy	
	✔ 2. Prof Satyendra N Bose	
	X 3. Prof Sisir Kumar Mitra	
	X 4. Prof M N Saha	
		Question ID : 5581011214 Status : Not Answered
		Chosen Option :
	n which day was the 50th anniversary of Apollo-11 moon landing	celebrated in 2019?
Ans	1. 28th July	
	2. 10th July	
	J. 20th July	
	X 4. 18th July	
		Question ID : 5581011204
		Status : Not Answered
		Chosen Option :
0 42 W	hich of the following has the nickname Daddy long-legs?	
	X 1. Camel	
	X 2. Grasshopper	
	X 3. Ostrich	
	✔ 4. Cellar spider	
		Question ID : 5581011217
		Status : Not Answered
		Chosen Option :

	The headquarters of the Tea Board of India is located at		
ns	✔ 1. Kolkata		
	🗙 2. Munnar		
	🗙 3. Chennai		
	🗙 4. Guwahati		
			FF01011007
			: 5581011207 : Answered
		Chosen Option	: 4
45		anatahla2	
45 ns	Gregor Mendel's basic Law of Heredity is based on his work on which v X 1. Asparagus	egetable?	
	2. Peas		
	X 3. Beans		
	X 4. Corn		
		Question ID	5581011219
			Answered
		Chosen Option	: 2
46	Proboscis' with reference to an elephant is its		
ns	X 1. tusks		
	X 2. head		
	3. trunk		
	X 4. legs		
			5581011210
		Status Chosen Option	Not Answered
	In a plant cell, ribosome is the site of:		
ns	X 1. lipid synthesis		
	X 2. chlorophyll synthesis		
	X 3. carbohydrate synthesis		
	✓ 4. protein synthesis		
		Ouestion ID	EE0101101E
			: 5581011215 : Not Answered
		Chosen Option	:
40	Who owners the following existed the tarm leall?		
48 ns	Who among the following coined the term 'cell'?		
	2. Oswald Avery		
	X 3. Theodor Schwann		
	🗙 4. Gerhard Domagk		
		Question ID	5581011209
			Answered
		Chosen Option	: 1
	The first-ever motion to remove a Chief Justice of a High Court of India	was initiated in the	
49 .	the mat ever motion to remove a other busilee of a right obuilt of mult		
	year		

	× 2. 1994 × 3. 2000	
	4. 1996	
		Question ID : 5581011243 Status : Not Answered Chosen Option :
0	In July 2019 Chandrayaan-2 was launched by which of the following	g vehicles?
s	✔ 1. GSLV MkIII-M1	
	X 2. GSLV MkIII-M2	
	X 3. GSLV MkI-M2	
	X 4. GSLV MkII-M1	
		Question ID : 5581011202
		Status : Not Answered
		Chosen Option :
tio	n : Part B General Engineering Electrical	
1	starting method CANNOT be used for starting a 3-phase squi	irrel cage induction motor.
S	× ¹ . Direct-on-line	
	✓ ^{2.} Rotor-resistance	
	X 3. Star-delta	
	X 4. Auto-transformer	
		Question ID : 5581011342 Status : Answered
		Chosen Option : 2
2	For a three layer stranded wire, the number of strands in first, second and	third layer respectively are:
S	× 1. 1, 5 and 10	operatives.com v operatives.a spanna a segur operative
	× 2. 1, 7 and 14	
	✓ 3. 1, 6 and 12	
	X 4. 1, 4 and 8	
		Question ID : 5581011382
		Status : Not Answered Chosen Option :
3	Which of following lamps employs a bimetallic	e strip?
S	✔ 1. Fluorescent lamp	
	X 2. Sodium vapour lamp	
	X ³ Mercury vapour lamp	
	X 4. Incandescent lamp	
	, meancescent tamp	
		Question ID : 5581011378
		Status : Answered
		Chosen Option : 1

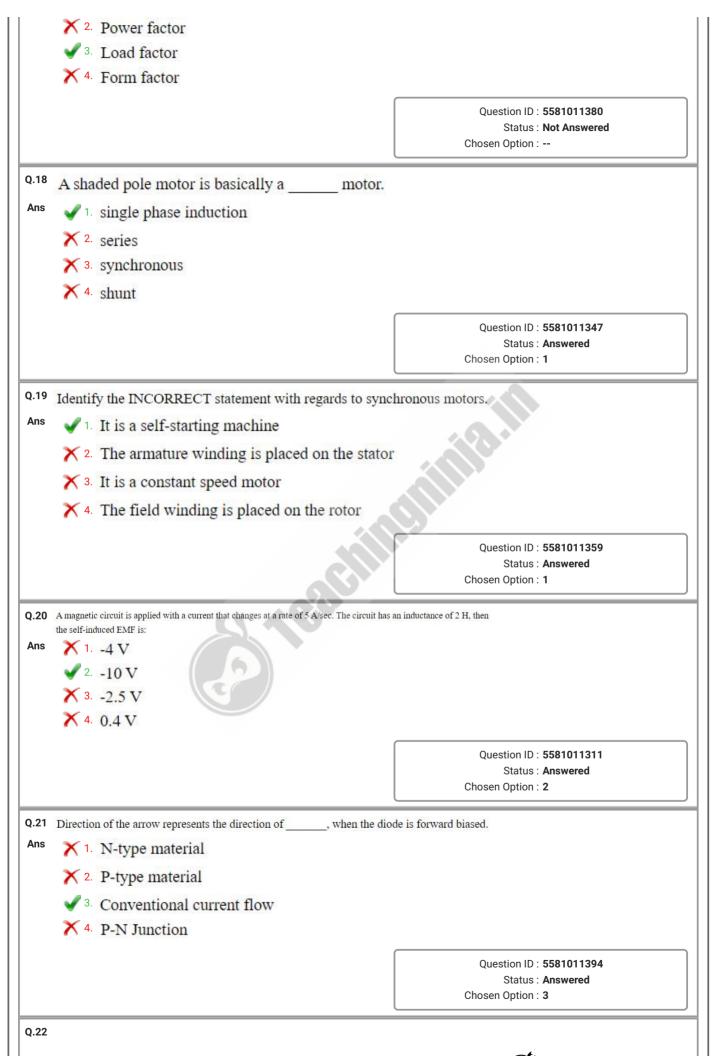




		Chosen Option : 2	
Q.8	Is it possible to have current in a transmission line, under n	io-load conditions?	
Ans	1s X 1. Yes, because of corona effect		
	🗙 2. No, because of proximity effect		
	✗ ₃. Yes, because of skin effect		
	✓ 4. Yes, because of capacitance effect		
		Question ID : 5581011374 Status : Answered	
		Chosen Option : 4	
Q.9	Which of the following is the function of the moderator in	a nuclear reactor?	
Ans	🗙 1. Stopping chain reaction		
	X 2.		
	Transferring the heat produced inside the reactor to the	e heat exchanger	
	X 3. Starting chain reaction		
	4 Controlling chain reaction		
		Question ID : 5581011362	
		Status : Answered Chosen Option : 4	
Q.10	Two identical coils A and B of 1000 turns each lie in parallel plane such that 80% of the flu with the other. If a current of 5A flowing in A produces a flux of 0.05 mWb, then the flux h		
Ans	✓ 1. 0.04 mWb		
	× 2. 0.4 mWb		
	X ^{3.} 4 mWb		
	X 4 0.004 mWb		
		Question ID : 5581011307 Status : Answered	
		Chosen Option : 1	
Q.11	The function of condensor in Thermal newer plan	+ in	
Ans	The function of condenser in Thermal power plan	it is.	
	 Condense water Condense used steam into water 		
	 ✗ 3. Purify steam 		
	 ✗ 4 Purify water 		
	r Turry water		
		Question ID : 5581011368 Status : Answered	
		Chosen Option : 2	
Q.12	The laws involved in the expression		
	The laws involved in the expression		
	$e = -d\Phi/dt$, are		
Ans	🗙 1. Coulomb's and Faraday's laws		
	🗙 2. Coulomb's and Ampere's laws	<u>,</u>	

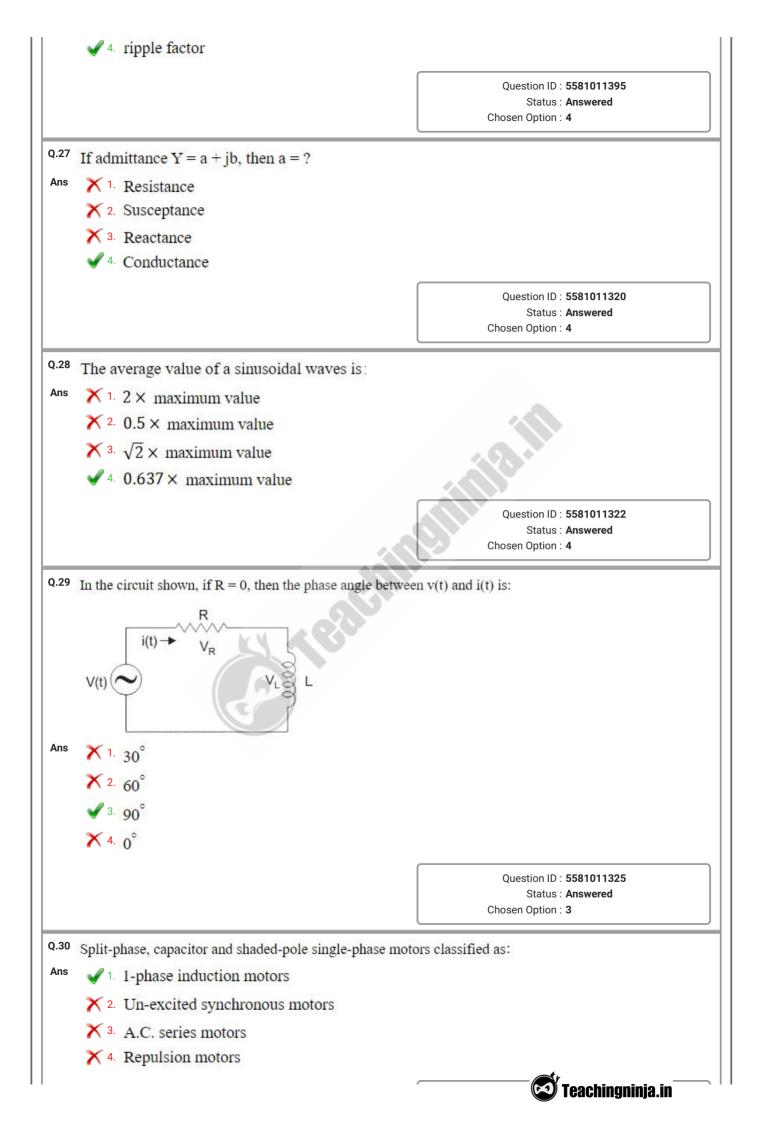


🖌 3. Faraday's and Lenz's laws	
✗ ₄ Faraday's and Ampere's laws	
	Question ID : 5581011310 Status : Answered Chosen Option : 3
 a.13 Three lamps are connected in series across a 120 V supply and take a current of 1.5 A. If the lamps is 30 Ω, what is the resistance of the third lamp? Ans 1. 20 Ω 2. 30 Ω 3. 10 Ω 4. 40 Ω 	he resistance of two of the
	Question ID : 5581011301 Status : Answered Chosen Option : 1
.14 If $d\Phi$ is the luminous flux incident normally on an area dA, then Illur	minance is given as :
Ans $\swarrow 1. \Phi \times A$ $\checkmark 2. \frac{d\Phi}{dA}$ $\thickapprox 3. d\Phi - dA$ $\thickapprox 4. \frac{dA}{d\Phi}$	
	Question ID : 5581011388 Status : Answered Chosen Option : 2
 is used to manufacture stay wire, earth wire, and structure Ans 1. Hard drawn copper 2. Galvanised steel 3. Cadmium copper 4. Nichrome 	tural components.
	Question ID : 5581011384 Status : Not Answered Chosen Option :
 An alternator has 9 slots/pole. What is the value of pitch factor if each color Ans 1. cos 45° 2. cos 30° 3. cos 60° 4. cos 10° 	il spans 8 slot pitches.
	Question ID : 5581011356 Status : Answered Chosen Option : 4
 Ratio of average energy demand to maximum demand during a Ans X 1. Utilization factor 	a specific period is:



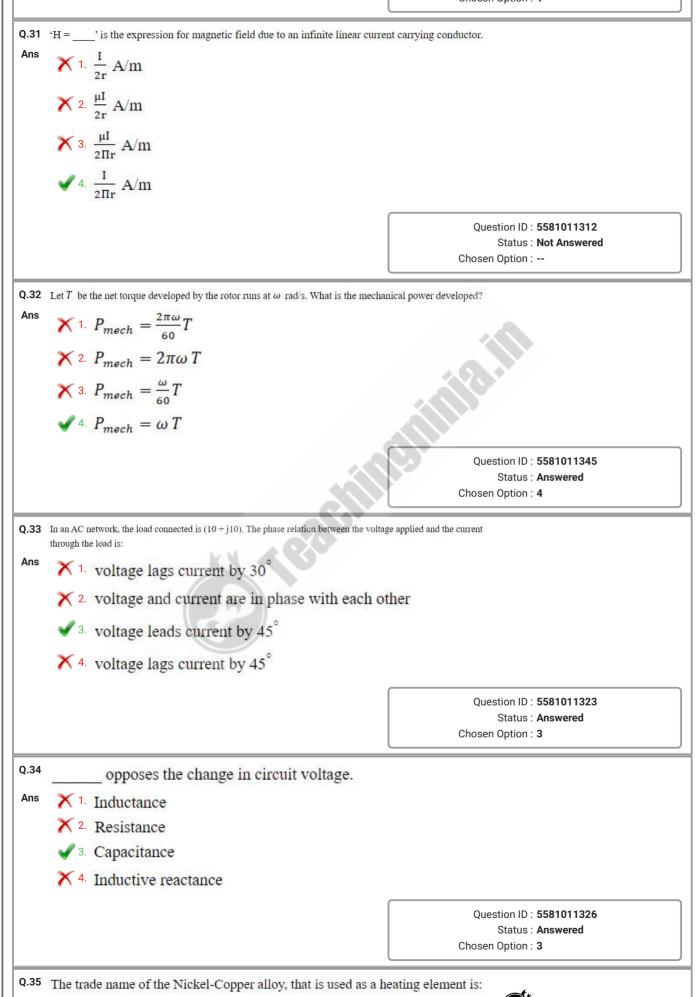


	In the below circuit, $X = ?$	
	AX	
	в —	
Ans	✓ 1. A.B	
	× 2. A	
	X 3. B	
	X 4. A+B	
		Question ID : 5581011393
		Status : Answered Chosen Option : 1
Q.23	Prevention of interference with neighbouring telephone line	s can be done by:
Ans	\times 1. using bundled conductors	s can be done by.
	X 2. reducing skin effect	
	3. transposing transmission lines	
	X 4. reducing corona	
		Question ID : 5581011375
		Status : Answered Chosen Option : 3
1	If the field of the synchronous motor is under excited the pow	ver factor will be:
Ans	× 1. Leading	
	2. Lagging	
	X 3. Unity	
	X 4. Zero	
		Question ID : 5581011353
		Status : Answered Chosen Option : 2
Q.25	If $N\Phi = linkage$ flux, then the linkage flux per unit curre	ent is defined as:
Ans	✗ 1 magneto motive force	
	✓ ^{2.} inductance	
	✗ ₃. leakage coefficient	
	X ⁴ inductive reactance	
		Question ID : 5581011313
		Status : Answered Chosen Option : 2
Q.26	The amount of AC content present in the DC output of a rectifier i	s given by
Ans	× 1. power factor	
	× 2. form factor	
	🗙 3. peak factor	
		Teachingninja.in



Question ID : 5581011352 Status : Answered







Ans	X 1. Nichrome		
	× 2. Kanthal		
	× ^{3.} Steel		
	✔ 4. Eureka		
		Ouestion ID :	5581011387
		Status :	Answered
		Chosen Option :	1
Q.36	Which of the following lamps has shortest/less life span in	working hours?	
Ans	✔ 1. Incandescent lamp		
	🗙 2. Sodium vapour lamp		
	✗ ₃. Mercury vapour lamp		
	X 4. Fluorescent lamp		
			5581011377
		Status :	Answered
		Chosen Option :	1
Q.37	In transmission line, the voltage regulation is negative whenever recei	ving end voltage V_R	
Ans	✗ 1. Equal to the sending end voltage		
	2. Greater than the sending end voltage		
	✗ ₃. Less than the sending end voltage		
	★ 4. Half of the sending end voltage		
		0	
			5581011370 Answered
		Chosen Option :	2
Q.38	motor is referred to as a universal motor?		
Ans	X 1. Single phase induction		
	X 2. Synchronous		
	✓ ^{3.} Series		
	× 4. Shunt		
		Question ID :	5581011346
		Status :	Answered
		Chosen Option :	3
•	Two bulbs of rating 230 V, 60 W and 230 V, 100 W are connected in parallel across supply statement.	nains. Identify the correct	
Ans	\times 1. The 60 W bulb will glow brighter		
	\times 2. Both will glow equally bright		
	X ₃. Neither bulb will glow		
	✓ 4. The 100 W bulb will glow brighter		
			5581011299 Answered
		Chosen Option :	
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) In the two wattmeter method, the readings of the two wattmeter are 500 W, 500 W respectively. The load power factor in a balanced 3-phase 3-wire circuit is:	
Ans		
	2. 1	
	× 3. 0	
	X 4. 0.8	
		Question ID : 5581011330 Status : Answered
		Chosen Option : 2
Q.41	Annual load factor of a generation station is eq	ual to
Ans		
	1. No of units actually supplied/month max.possible demand	
	\mathbf{x} . No of units actually supplied/month	
	$\sum_{n=1}^{\infty} 2. \frac{\text{No of units actually supplied/month}}{\text{max.possible demand} \times 8760}$	
	X 3. No of units actually supplied/year	
	max.possible demand	
	4. No of units actually supplied/year max.possible demand×8760	
		Question ID : 5581011381 Status : Answered
		Chosen Option : 4
0.42		
Q.42	What would the total loss of the 2kVA transformer corresponding to	
Ans	provided the transformer has iron loss of 150 W and full-load copp	er loss of 250 W?
	× 1. 100 W × 2. 500 W	
	∧ 2. 500 W	
	2 200 W	
	✓ 3. 300 W	
	✓ 3. 300 W ★ 4. 400 W	
		Question ID : 5581011340
		Question ID : 5581011340 Status : Answered Chosen Option : 3
		Status : Answered
Q.43		Status : Answered Chosen Option : 3
Q.43	★ 4. 400 W	Status : Answered Chosen Option : 3
Q.43	★ 4. 400 W	Status : Answered Chosen Option : 3
	X 4. 400 W The below symbol which is used in single line diagram	Status : Answered Chosen Option : 3
Q.43 Ans	★ 4. 400 W	Status : Answered Chosen Option : 3
	X 4. 400 W The below symbol which is used in single line diagram	Status : Answered Chosen Option : 3
	X 4. 400 W The below symbol which is used in single line diagram $H \rightarrow$ X 1. current transformer	Status : Answered Chosen Option : 3
	 ★ 4. 400 W ★ 4. 400 W ★ 1. current transformer ★ 2. potential transformer 	Status : Answered Chosen Option : 3
	 X 4. 400 W The below symbol which is used in single line diagram X 1. current transformer 2. potential transformer X 3. circuit breaker 	Status : Answered Chosen Option : 3
	 X 4. 400 W The below symbol which is used in single line diagram X 1. current transformer 2. potential transformer X 3. circuit breaker 	Status : Answered Chosen Option : 3
	 X 4. 400 W The below symbol which is used in single line diagram X 1. current transformer 2. potential transformer X 3. circuit breaker 	Status : Answered Chosen Option : 3 ns represents Question ID : 5581011383
	 X 4. 400 W The below symbol which is used in single line diagram X 1. current transformer 2. potential transformer X 3. circuit breaker 	Status : Answered Chosen Option : 3 ns represents Question ID : 5581011383 Status : Answered

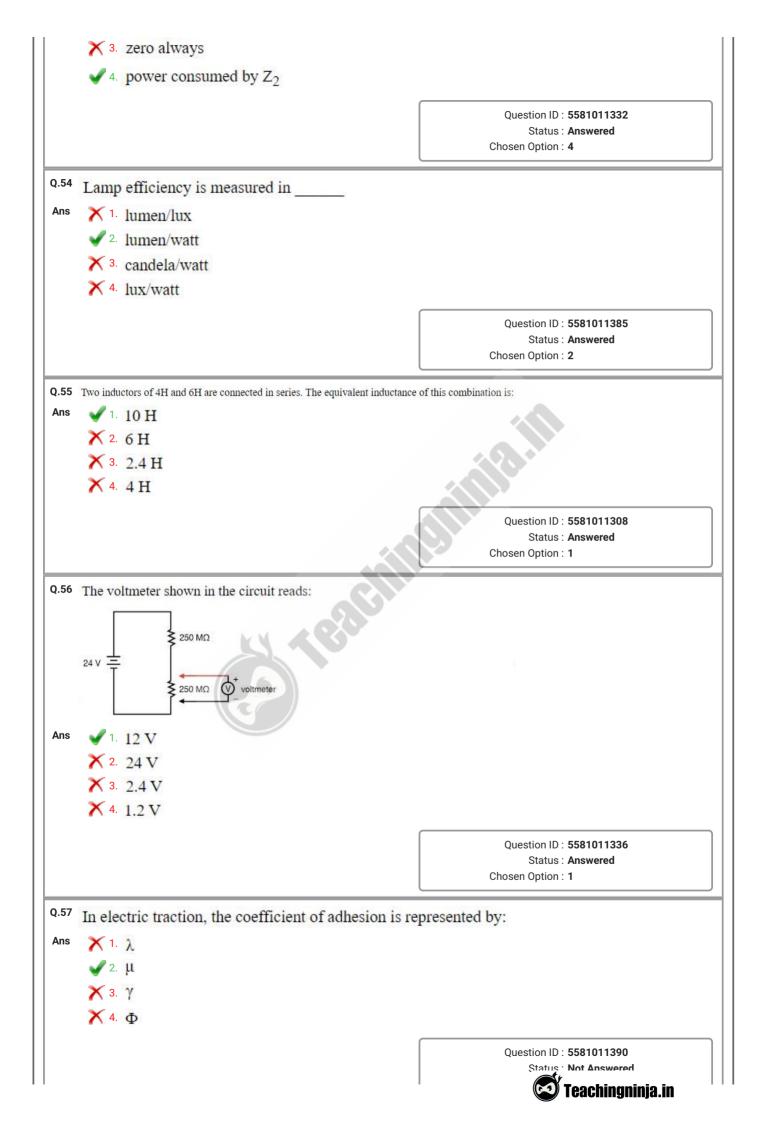


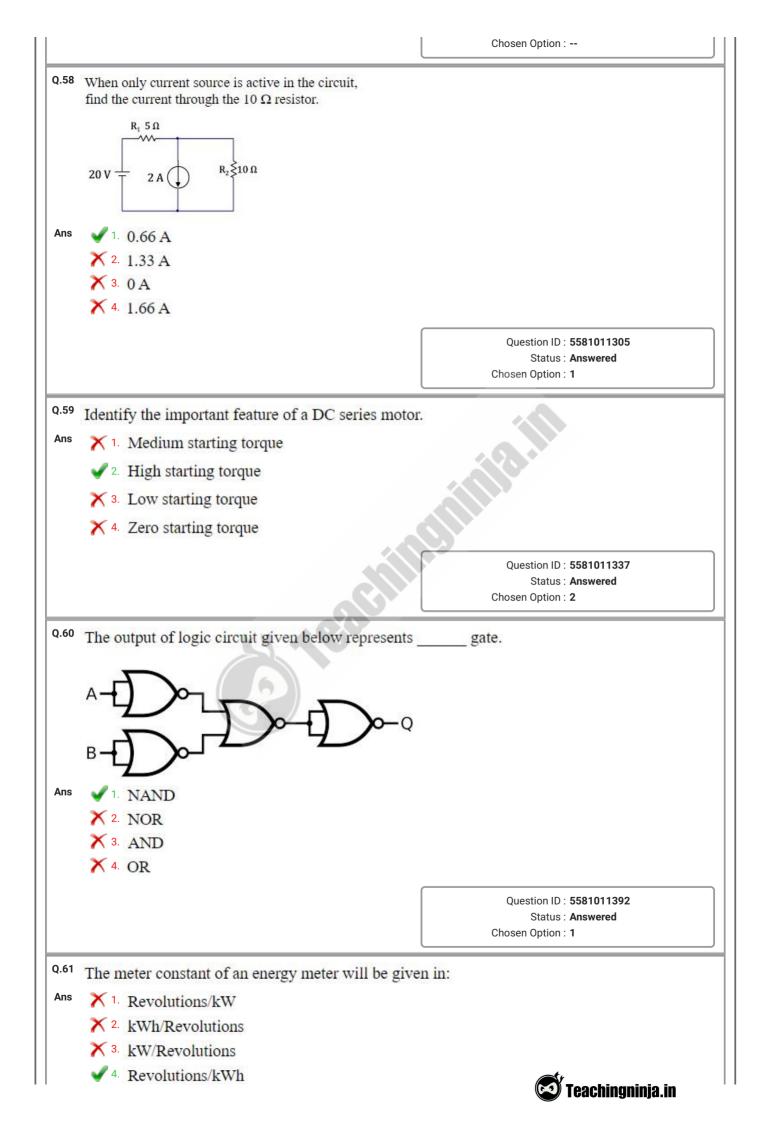
Ans

	 2. combination of a voltmeter, ammeter and wattmeter 3. combination of a voltmeter and ammeter 		
	X ₄. energy meter alone		
		Question ID : 5581011333 Status : Answered Chosen Option : 2	
.45	When the supply to the excitation fails, the synchronous	s generator acts like a/an:	
ns	🗙 1. synchronous motor		
	2. induction generator		
	^{★ 3.} induction motor		
	🗙 4. synchronous generator		
		Question ID : 5581011360	
		Status : Answered Chosen Option : 2	
Q.46	Which of the following is the correct relation reg	garding coupled coils?	
Ans	× 1. $M = (L_1 - L_2)/2$		
	\times 2. M = (L ₁ +L ₂)/2		
	✓ ^{3.} M ≤ $(L_1L_2)^{0.5}$		
	× 4. $M > (L_1 L_2)^{0.5}$		
	51 - 631	Question ID : 5581011314 Status : Answered Chosen Option : 3	
Q.47	In a capacitor start single phase induction mot	tor the current in the:	
Ans	1. starting winding leads the voltage		
	X 2. supply lines leads the voltage		
	✗ 3. main winding leads the voltage		
	\mathbf{X} 4. starting winding lags the voltage		
		Question ID : 5581011348 Status : Answered	
		Chosen Option : 1	
Q.48	P = QHg is the water power equation. Head 'H' is measured in meter, 'g' gravity c square, then the measuring unit of 'Q', flow rate of water is:	constant is measured in meter/ second	
Ans	× 1 Metre per hour		
	X 2. Square metre per second		
	✓ 3. Cubic metre per second		
	X 4. Metre per second		
	μ - dobable constantini — provins γΝ - VN - V	Question ID : 5581011364	
		Question ID : 558 101 1364	

		Chosen Option :
Q.49	Extension of moving iron ammeter range can be do	ne by using
Ans	× ^{1.} Inductor	, ,
	X 2. Multiplier	
	X 3. Capacitor	
	✓ 4. Shunt	
	•	
		Question ID : 5581011335 Status : Answered
		Chosen Option : 4
Q.50	What is the reason behind using a centrifugal switch in a single phas	e induction motor?
Ans	\mathbf{X} 1. To improve the starting performance of the n	notor
	\thickapprox 2. To protect the motor from overloading	
	> 3. To cut in the capacitor during running condit	ions
	✓ 4. To cut-off the starting winding at an appropri	ate instant
		Question ID : 5581011349
		Status : Answered
		Chosen Option : 4
Q.51	The resistive component of the rotor with resistance R_2 offered to the backward rotating the motor runs with slip <i>s</i> is given as	ix wave in a single-phase
Ans		
	\times 1. $\frac{R_2}{1+s}$	
	$\sim 2. \frac{R_2}{2-s}$	
	\times 3. $\frac{R_2}{1-r}$	
	1-3	
	\times 4. $\frac{R_2}{s}$	
		Question ID : 5581011351
		Status : Answered
		Chosen Option : 2
•	A coil is wound with 50 turns and a current of 8 A produces a flux of 200 μ Wb. Calculate t	he inductance of the coil.
Ans	 × 1. 0.125 mH × 2. 0.25 mH 	
	✓ 3. 1.25 mH	
	× 4. 2.5 mH	
		Question ID : 5581011306 Status : Answered
		Chosen Option : 3
Q.53	Z_1 and Z_2 are connected in series to form a load. A wattmeter's current coil is connected in ser	ies with the load, whereas
Ans	its pressure coil is connected across Z_2 . The wattmeter reads: \nearrow 1. power consumed by Z_1	
	\mathbf{X} 2. power consumed by Z_1 and Z_2	



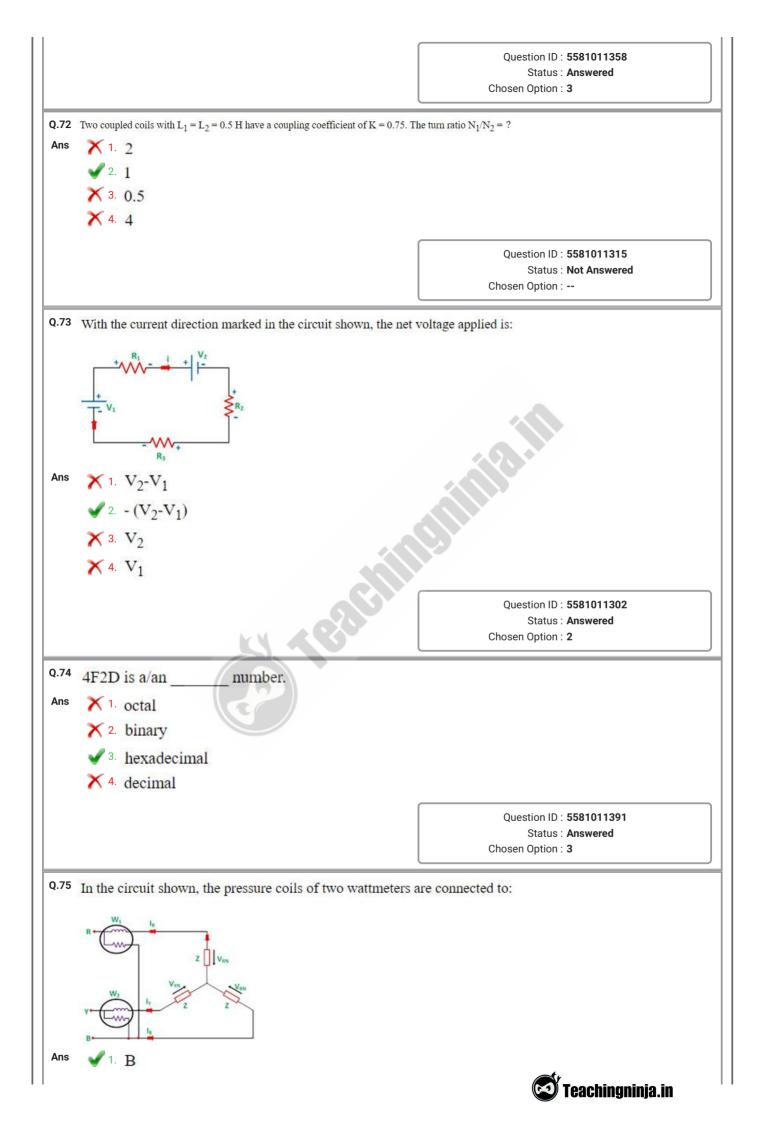


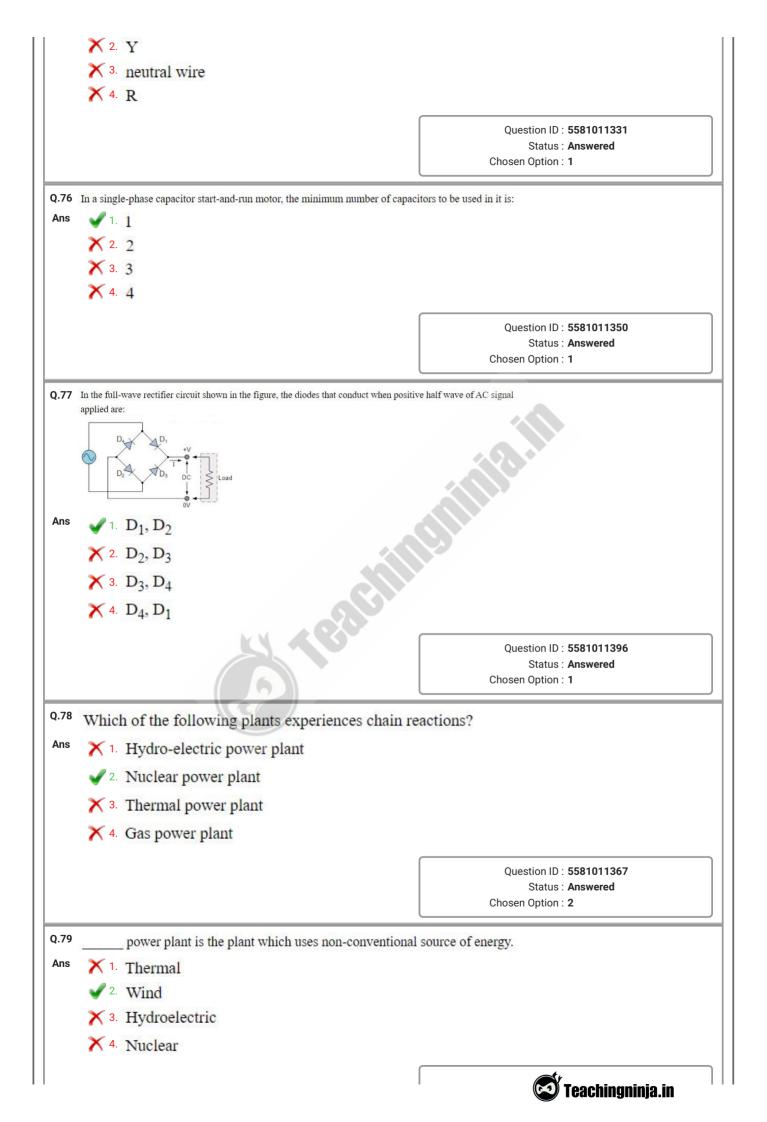


		Status : Answered Chosen Option : 4
Q.62	In the speed-time curve of a train, speed in a	nd time in are plotted.
Ans	🗡 1. km/s; hour	
	✓ 2. km/h; sec	
	🗙 3. km/h; hour	
	🗙 4. km/s; sec	
		Question ID : 5581011389
		Status : Answered
		Chosen Option : 2
	A 200 V d.c machine has $R_a = 0.5 \Omega$ and its full-load $I_a = 20$ A. Determine motor.	the induced e.m.f when the machine acts as
Ans	× 1. 200 V	
	🗙 2. 215 V	
	🗙 3. 210 V	
	🖌 4. 190 V	- 9 +
		Question ID : 5581011341
		Status : Answered
		Chosen Option : 4
Q.64	Find the net capacitance of the combination in which ten capacito	ors of 10 μF are connected in parallel.
Ans	🗙 1. 1 μF	
	🗙 2. 0.1 μF	
	🖌 3. 100 μF	
	🗙 4. 50 μF	
		Question ID : 5581011297 Status : Answered
		Chosen Option : 3
2.65	Find $H = $ A/m at the center of a circular coil of diamete	r 1 m and carrying a current of 2 A.
Ans	▶ 1. 0.1636	
	X 2. 6.366	
	✗ ₃. 1.636	
	✓ 4. 0.6366	
		Question ID : 5581011309
		Status : Answered
		Chosen Option : 4
Q.66	Relate 'Reluctance' with the following:	
Ans	✓ ^{1.} A/Weber	
	X 2. Weber/A	
	X ³ . A/m	
	X 4. Weber/m	
		🐼 Teachingninja.in

		Question ID : 5581011319 Status : Answered Chosen Option : 1
Q.67 Ans	 7 If the copper loss of a transformer at half full load is 400 W, then the copper loss corresponding to full load is: 1. 1600 W 2. 800 W 3. 1200 W 4. 400 W 	
		Question ID : 5581011339 Status : Answered Chosen Option : 1
Q.68 Ans	Ans \checkmark 1. P = 12, f = 60 Hz	
	X 2. $P = 8$, $f = 50 \text{ Hz}$ X 3. $P = 12$, $f = 50 \text{ Hz}$ X 4. $P = 10$, $f = 60 \text{ Hz}$	
		Question ID : 5581011354 Status : Answered Chosen Option : 1
Q.69 Ans	 Hysteresis loss is NOT a function of	
		Question ID : 5581011316 Status : Answered Chosen Option : 2
Q.70 Ans	· · · · · · · · · · · · · · · · · · ·	
Q.71 Ans	Hunting occurs in a/an motor. X 1. DC series X 2. DC shunt 3. synchronous	
	[★] ^{4.} induction	







		Question ID : 5581011366 Status : Answered
		Chosen Option : 2
Q.80	is a tube that brings water to turbines.	
Ans	▶ 1. Trash rack	
	🗙 2. Spillway	
	✓ ^{3.} Penstock	
	🗙 4. Forebay	
		Question ID : 5581011363
		Status : Answered Chosen Option : 3
Q.81	Which of the following fuel has least calorific va	llue?
Ans	× 1. Kerosene oil	
	🗙 2. Hydrogen	
	X 3. LPG	
	✓ 4. Wood	
		Question ID : 5581011361
		Status : Answered Chosen Option : 4
Q.82	The cheap and temporary system of internal wiri	ng is?
Ans	✓ 1. Cleat wiring	
	X 2. Casing-capping	
	✗ ₃. CTS or TRS wiring	
	X 4. Conduit wiring	
		Question ID : 5581011379
		Status : Not Answered
		Chosen Option :
Q.83	Which of the following should be used under no-	load conditions?
Ans	✗ 1. Rewireable fuse	
	X 2. Circuit breaker	
	✗ ^{3.} Air-break switch	
	✓ ^{4.} Isolator	
		Question ID : 5581011372
		Status : Answered Chosen Option : 4
Q.84 Ans	An electric heater is connected across 230 V and it draws a current of 2 A. Then the resis 1. 11.5 ohm	tance offered by the heater is?
	× 2. 23 ohm	
	× 3. 230 ohm	
	✓ ^{4.} 115 ohm	



