Junior Engineer Civil Mechanical and Electrical Examination 2024 Paper I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	07/06/2024
Exam Time	5:00 PM - 7:00 PM
Subject	Junior Engineer 2024 Electrical Paper I

Section: General Intelligence and Reasoning

Q.1 What will come in the place of '?' in the following equation, if '+' and ' - ' are interchanged and 'x' and '÷' are interchanged?

 $10 \div 8 \times 4 - 6 + 2 = ?$

Ans 🚀 1. 24

X 2. 26

X 3. 28

X 4. 22

Question ID: 630680376400

Option 1 ID: 6306801466668

Option 2 ID : **6306801466669**

Option 3 ID : **6306801466667** Option 4 ID : **6306801466670**

Status : Answered

Chosen Option : 1

Q.2 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

- 1. Cockroach
- 2. Owl
- 3. Ant
- 4. Horse

5. Fox

Ans X 1. 3, 2, 5, 4, 1

2. 3, 1, 2, 5, 4

X 3. 3, 4, 1, 2, 5

X 4. 3, 5, 4, 1, 2

Question ID: 630680565829

Option 1 ID: 6306802212265

Option 2 ID: 6306802212266

Option 3 ID : **6306802212264** Option 4 ID : **6306802212267**

Status : Answered

Chosen Option : 2

Q.3 In a certain code language, 'LVCO' is coded as '12-22-3-15' and 'GIPN' is coded as '7-9-16-14'. What is the code for 'ZAPG' in the given language? **1**. 26-1-16-7 Ans X 2. 24-5-14-8 X 3. 22-5-15-6 X 4. 22-2-11-5 Question ID: 630680375913 Option 1 ID: 6306801464724 Option 2 ID: 6306801464725 Option 3 ID: 6306801464723 Option 4 ID: 6306801464726 Status: Answered Chosen Option: 1 Q.4 The position(s) of how many letters will remain unchanged if each of the letters in the word HARDEST is arranged in the English alphabetical order? √ 1. Two Ans X 2. Three X 3. Zero X 4. One Question ID: 630680396636 Option 1 ID: 6306801546640 Option 2 ID: 6306801546641 Option 3 ID: 6306801546642 Option 4 ID: 6306801546643 Status: Answered Chosen Option: 4 Q.5 What should come in place of the question mark (?) in the given series? 18, 30, 42, 54, 66, ? Ans X 1. 73 X 2. 70 X 3.82 **4**. 78 Question ID: 630680377843 Option 1 ID: 6306801472432 Option 2 ID: 6306801472431 Option 3 ID: 6306801472434 Option 4 ID: 6306801472433 Status: Answered Chosen Option: 4

Q.6 Select the option in which the given figure is embedded (rotation is NOT allowed).	
Ans	
X 1.	
2.	
× 2	
✗ 3.	
× 4.	
	Question ID : 630680524481
	Option 1 ID : 6306802050023
	Option 2 ID : 6306802050025 Option 3 ID : 6306802050026
	Option 4 ID : 6306802050024 Status : Answered
	Chosen Option : 2

Q.7 In a certain code language, 'CASE' is coded as '8426' and 'SLIP' is coded as '9275'. What is the code for 'S' in the given language? Ans X 1. 9 **X** 2. 8 **X** 3. 6 4. 2 Question ID : 630680376552 Option 1 ID: 6306801467276 Option 2 ID: 6306801467275 Option 3 ID: 6306801467277 Option 4 ID : 6306801467278 Status : **Answered** Chosen Option : 4

Q.8	8 Select the correct mirror image of the given figure when the mirror is placed at OG as shown below.	
Ans	s	
	X 1.	
	X 2.	
	× 3.	
	4.	
		Question ID : 630680462562 Option 1 ID : 6306801806451
		Option 2 ID : 6306801806452 Option 3 ID : 6306801806453
		Option 4 ID : 6306801806454 Status : Answered
		Chosen Option : 4

Q.9 This question consists of a pair of words which have a certain relationship to each other. Select the pair which has the same relationship.

(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.)

Brazil : Real

Ans X 1. Kenya : Yen

2. Malaysia : Ringgit

X 3. Cuba : Euro

X 4. Indonesia : Rial

Question ID: 630680556090 Option 1 ID: 6306802173738 Option 2 ID: 6306802173739 Option 3 ID: 6306802173736

Option 4 ID : **6306802173737**Status : **Answered**

Chosen Option: 3

Q.10 A, B, C, D, E, F, and G are sitting around a circular table, facing away from the centre (not necessarily in the same order). Only 3 people sit between B and D when counted from the left of D. B sits second to the left of E. G sits to the immediate right of C. A is not an immediate neighbour of D. Who is sitting to the immediate right of E?

Ans 🧳 1. F

X 2. A

X 3. D

X 4. B

Question ID: 630680376592 Option 1 ID: 6306801467438 Option 2 ID: 6306801467435 Option 3 ID: 6306801467437

Option 4 ID : **6306801467436**Status : **Answered**

Chosen Option : 1

Q.11 Manoj starts from his home and drives 4 km towards the north. He then takes a left turn, drives 5 km, turns right, and drives 9 km. He then takes a left turn and drives 3 km and turns left then drives 5 km to reach his office.
In which direction is the office with respect to his home?
(All turns are 90° turns only, unless specified.)

Ans X 1. North-east

X 2. South-east

3. North-west

X 4. West

Question ID : 630680376874

Option 1 ID : **6306801468561** Option 2 ID : **6306801468562** Option 3 ID : **6306801468559**

Option 4 ID : **6306801468560** Status : **Answered**

Q.12 Select the triad in which the numbers are related to each other in the same way as are the numbers of the given triads.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(12, 9, 96)

(14, 7, 84)

Ans 1. (17, 12, 170)

2. (15, 8, 130)

Question ID: 630680392055
Option 1 ID: 6306801528595
Option 2 ID: 6306801528597
Option 3 ID: 6306801528594
Option 4 ID: 6306801528596
Status: Not Answered

Chosen Option: --

Q.13 What should come in place of the question mark (?) in the given series?

11, 18, 25, 32, 39, ?

3. (18, 11, 180) 4. (10, 12, 120)

Ans X 1. 43

X 2.45

3. 46

X 4. 44

Question ID: 630680376728 Option 1 ID: 6306801467975 Option 2 ID: 6306801467977 Option 3 ID: 6306801467978 Option 4 ID: 6306801467976 Status: Answered

Chosen Option: 3

Q.14 In a certain code language, 'GROW' is coded as '5397' and 'WILD' is coded as '6942'. What is the code for 'W' in the given code language?

Ans X 1. 2

X 2.7

3. 9

X 4. 6

Question ID : 630680377194 Option 1 ID : 6306801469841 Option 2 ID : 6306801469839 Option 3 ID : 6306801469842 Option 4 ID : 6306801469840 Status : Answered

Chosen Option : 3

Q.15 Which two numbers should be interchanged to make the given equation correct? $(165 \div 3) + (135 \div 5) - 45 + 33 = 66$ (Note: Interchange should be done of entire number and not individual digits of a given number) Ans X 1. 45 and 33 2. 165 and 135 X 3. 33 and 5 X 4. 45 and 3 Question ID: 630680378793 Option 1 ID: 6306801476219 Option 2 ID: 6306801476220 Option 3 ID: 6306801476221 Option 4 ID: 6306801476222 Status: Answered Chosen Option: 2 Q.16 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements. Statements: All parrots are rats. Some rats are lambs. No lamb is a horse. Conclusions: (I) All rats are horses. (II) Some lambs are parrots. Ans 1. Neither conclusion (I) nor (II) follows X 2. Only conclusion (II) follows X 3. Both conclusions (I) and (II) follow X 4. Only conclusion (I) follows Question ID: 630680376883 Option 1 ID: 6306801468597 Option 2 ID: 6306801468596 Option 3 ID: 6306801468598 Option 4 ID: 6306801468595 Status: Answered Chosen Option: 2 Q.17 In a certain code language, 'HOPE' is coded as '7395' and 'OURS' is coded as '6582'. What is the code for 'O' in the given code language? **1.** 5 Ans X 2. 7 X 3.6 X 4.9 Question ID: 630680377191 Option 1 ID: 6306801469828

Question ID : 630680377191

Option 1 ID : 6306801469828

Option 2 ID : 6306801469827

Option 3 ID : 6306801469829

Option 4 ID : 6306801469830

Status : Answered

Chosen Option : 1

point? (All turns are 90 degrees turns only unless specified.) X 1. 15 m Ans X 2. 10 m 🥒 3. 20 m X 4. 30 m Question ID: 630680383314 Option 1 ID: 6306801494158 Option 2 ID: 6306801494156 Option 3 ID: 6306801494157 Option 4 ID: 6306801494155 Status: Answered Chosen Option: 3 Q.19 EHDL is related to ILZH in a certain way based on the English alphabetical order. In the same way, TFRA is related to XJNW. To which of the following is JUIP related, following the same logic? Ans X 1. MYDL X 2. NZEK 3. NYEL X 4. MZDK Question ID: 630680378985 Option 1 ID: 6306801476988 Option 2 ID: 6306801476990 Option 3 ID: 6306801476989 Option 4 ID: 6306801476987 Status: Answered Chosen Option: 3 Q.20 DGFB is related to EFGA in a certain way based on the English alphabetical order. In the same way, EGHC is related to FFIB. To which of the following is FDHB related, following the same logic? Ans 1. GCIA X 2. GCAS X 3. GCER X 4. GCAO Question ID: 630680378691 Option 1 ID: 6306801475812 Option 2 ID: 6306801475813 Option 3 ID: 6306801475814 Option 4 ID: 6306801475811 Status: Answered Chosen Option: 1

Q.18 Sandeep starts walking towards the north from a point and walks 30 m. He turns to the right and walks 30 m. He turns to the left and walks 20 m. He turns to the left and walks 30 m. Finally, he turns to the left and walks 30 m. How far is he now from the starting

Q.21 The position(s) of how many letters will remain unchanged if each of the letters in the word ABSOLUTE is arranged in the reverse of the English alphabetical order? X 1. One X 2. Two 3. Three X 4. Four Question ID: 630680450081 Option 1 ID: 6306801757482 Option 2 ID: 6306801757483 Option 3 ID: 6306801757484 Option 4 ID: 6306801757485 Status: Answered Chosen Option: 3 Q.22 Six babies Ria, Sia, Tia, Urja, Vani and Winnie are born one after the other but not necessarily in the same order. All of them were born in different cities. Only two babies were born before the one who was born in Raipur. Only one baby was born between Sia, who was born in Delhi and the baby born in Raipur. Tia was born before Urja and just after the baby born in Haridwar. Tia was not born in Raipur. Ria was born in Bhopal and just before Vani. Tia is born immediately before the baby born in Ballia. Winnie was not born in Pune. Who was born just after Sia and in which city? Ans X 1. Vani, Raipur X 2. Tia, Pune X 3. Urja, Raipur 4. Ria, Bhopal

Question ID : 630680521121
Option 1 ID : 6306802036911
Option 2 ID : 6306802036909
Option 3 ID : 6306802036910
Option 4 ID : 6306802036912
Status : Not Answered

Chosen Option : --

Q.23 'AC 2' is related to 'DF 8' in a certain way based on the English alphabetical and numerical order. In the same way, 'IK 5' is related to 'LN 125'. To which of the following is 'PR 7' related following the same logic?

Ans X 1. RU 343

🥓 2. SU 343

X 3. TU 216

X 4. SU 216

Question ID: 630680377766 Option 1 ID: 6306801472124 Option 2 ID: 6306801472123 Option 3 ID: 6306801472125 Option 4 ID: 6306801472126

Status : Not Answered Chosen Option : --

Q.24 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

(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.)

Greece: Athens

Ans X 1. Norway : Muscat

2. Ireland : Dublin

X 3. Indonesia : Tehran

X 4. Jordan : Tokyo

Question ID: 630680565339

Option 1 ID : 6306802210333

Option 2 ID : **6306802210331** Option 3 ID : **6306802210330**

Option 4 ID : **6306802210332**

Status : Answered

Chosen Option : 1

Q.25 In a certain code language,

'A + B' means 'A is the wife of B',

'A - B' means 'A is the father of B',

'A \times B' means 'A is the sister of B', and

'A ÷ B' means 'A is the mother of B'.

How is Q related to Y if 'Q + K - T \times D \div Y'?

Ans 🥒 1. Mother's mother

X 2. Father's father

X 3. Mother's brother

X 4. Father

Question ID: 630680377673

Option 1 ID: 6306801471751

Option 2 ID : 6306801471752

Option 3 ID : **6306801471753** Option 4 ID : **6306801471754**

Status : Answered

Chosen Option : 1

Q.26	6 Select the figure that is embedded as a part of the main figure (X). (Rotation is NOT allowed.)	
Ans	S	
	1.	
	X 2.	
	★ 3.	
	× 4.	
		Question ID : 630680525286
		Option 1 ID : 6306802053230 Option 2 ID : 6306802053229
		Option 3 ID : 6306802053228 Option 4 ID : 6306802053231
		Status : Answered Chosen Option : 1

Q.27 Select the option in which the numbers share the same relationship as that shared by the given pairs of numbers. 100:90 70:60 (NOTE: Operations should be performed on the whole number, without breaking down the numbers into its constituent digits. E.g. 13- Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed.) X 1. 90 : 70 X 2. 130 : 110 X 3. 150 : 145 4. 130 : 120 Question ID: 630680387170 Option 1 ID: 6306801509375 Option 2 ID: 6306801509374 Option 3 ID: 6306801509376 Option 4 ID: 6306801509377 Status: Not Answered Chosen Option: --Q.28 DCHE is related to HFPJ in a certain way based on the English alphabetical order. In the same way, CABF is related to FBDL. To which of the following is FIHE related, following the same logic? √ 1. LRPJ Ans X 2. PLRJ X 3. LPRG X 4. PRLJ Question ID: 630680387610 Option 1 ID: 6306801511107 Option 2 ID: 6306801511106 Option 3 ID: 6306801511109 Option 4 ID: 6306801511108 Status: Answered Chosen Option: 3 Q.29 What should come in place of the question mark (?) in the given series based on the English alphabetical order? MOK, LNJ, KMI, JLH, ? X 1. HPJ √ 2. IKG X 3. HJG X 4. IKH Question ID: 630680394865 Option 1 ID: 6306801539744

Question ID : 630680394865 Option 1 ID : 6306801539744 Option 2 ID : 6306801539747 Option 3 ID : 6306801539746 Option 4 ID : 6306801539745 Status : Answered

Otatus . Answered

Q.30 What should come in place of the question mark (?) in the given series based on the English alphabetical order? LSC, NVG, PYK, RBO, ? √ 1. TES Ans X 2. WHI X 3. UGT X 4. QDU Question ID: 630680382495 Option 1 ID: 6306801490895 Option 2 ID: 6306801490898 Option 3 ID: 6306801490896 Option 4 ID: 6306801490897 Status: Answered Chosen Option: 1 Q.31 What should come in place of the question mark (?) in the given series based on the English alphabetical order? FIK, GJL, HKM, ILN, ? X 1. OJM 2. JMO X 3. JOM X 4. OMJ Question ID: 630680385048 Option 1 ID: 6306801501079 Option 2 ID: 6306801501081 Option 3 ID: 6306801501080 Option 4 ID: 6306801501078 Status: Answered Chosen Option : 2 Q.32 14 is related to 54 following a certain logic. Following the same logic, 9 is related to 24. To which of the following is 21 related following the same logic? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.) Ans **1.96** X 2.90 **X** 3. 89 **X** 4. 99 Question ID: 630680451927 Option 1 ID: 6306801764786 Option 2 ID: 6306801764787 Option 3 ID: 6306801764788 Option 4 ID: 6306801764789 Status: Not Answered Chosen Option: --

Q.33 What should come in place of? in the given series? 6, 30, 174, ?, 6222, 37326 X 1. 1008 X 2. 1058 **3**. 1038 **X** 4. 1098 Question ID: 630680388327 Option 1 ID: 6306801513826 Option 2 ID: 6306801513828 Option 3 ID: 6306801513827 Option 4 ID: 6306801513829 Status: Not Answered Chosen Option: --Q.34 What will come in place of the question mark (?) in the following equation if '+' and 'x' are interchanged and '-' and '÷',interchanged ? $4 + 11 \times 48 - 6 \div 3 = ?$ X 1. 53 Ans X 2. 51 X 3.46 4.49 Question ID: 630680376479 Option 1 ID: 6306801466986 Option 2 ID: 6306801466983 Option 3 ID: 6306801466985 Option 4 ID: 6306801466984 Status: Answered Chosen Option: 4 Q.35 18 is related to 162 following a certain logic. Following the same logic, 16 is related to 144. To which of the following is 25 related to following the same logic? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.) X 1. 215 2. 225 X 3. 235 X 4. 245 Question ID: 630680396915 Option 1 ID: 6306801547728 Option 2 ID: 6306801547729 Option 3 ID: 6306801547730 Option 4 ID: 6306801547731 Status: Not Answered

Q.36 2 is related to 26 following a certain logic. Following the same logic, 4 is related to 52. To which of the following is 7 related following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans X 1. 25

X 2. 27

X 3. 72

4. 91

Question ID: 630680395518 Option 1 ID: 6306801542236 Option 2 ID: 6306801542237 Option 3 ID: 6306801542238 Option 4 ID: 6306801542239

Status: Not Answered

Chosen Option: --

Q.37 PTOS is related to NRMQ in a certain way based on the English alphabetical order. In the same way, JNIM is related to HLGK. To which of the following is MQLP related, following the same logic?

Ans 🚀 1. KOJN

× 2. OKNJ

X 3. KONJ

X 4. OKJN

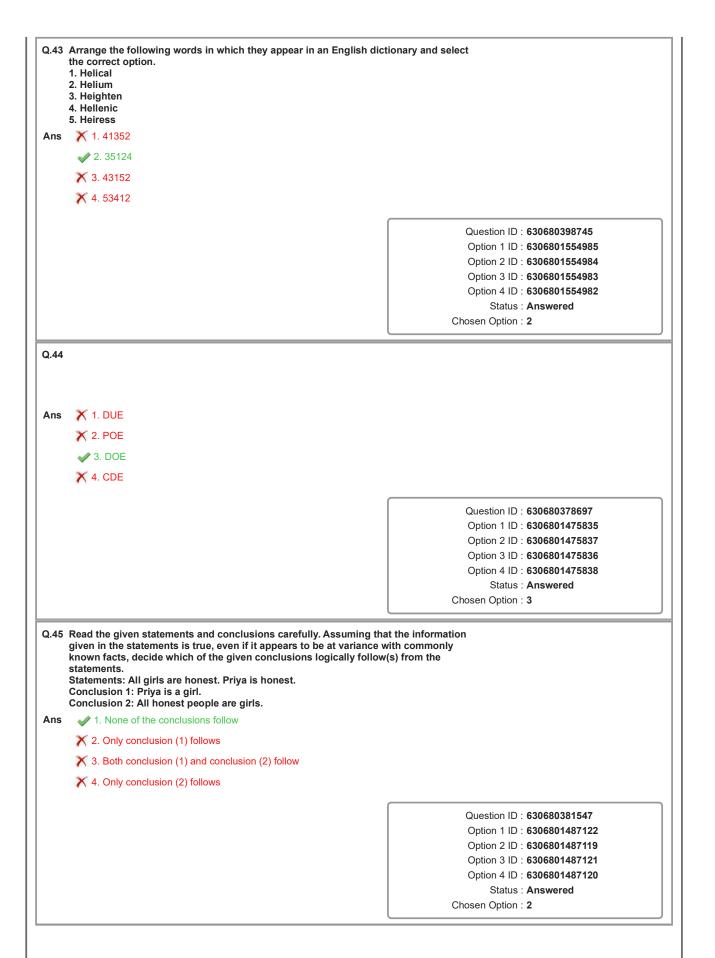
Question ID: 630680376717 Option 1 ID: 6306801467932 Option 2 ID: 6306801467934 Option 3 ID: 6306801467933

Option 4 ID : **6306801467931**Status : **Answered**

Chosen Option : 4

Q.38	Select the option figure in which the given figure is embedded as its part (rotation is NOT allowed).	
Ans	s	
	X 1.	
	✓ 2.	
	X 3.	
	× 4.	
		Question ID : 630680422221
		Option 1 ID : 6306801647320
		Option 2 ID : 6306801647321 Option 3 ID : 6306801647322
		Option 4 ID : 6306801647323
		Status : Answered Chosen Option : 2
		Chaten Space 2
Q.39	89 E, F, G, H, P, Q, and R, are sitting around a circular table facing the centre (necessarily in the same order). Only three people sit between P and G who from the right of P. Only F sits between R and P when counted from the left two people sit between R and E when counted from the left of R. H is NOT immediate neighbour of G. How many people sit between F and Q when counted from the left of F?	en counted of P. Only
Ans	s 🚀 1. Two	
	X 2. Three	
	X 4. Four	
		Question ID : 630680376945
		Option 1 ID : 6306801468844
		Option 4 ID : 6306801468846
		Status : Not Answered
		Chosen Option :
	X 3. One X 4. Four	Option 1 ID : 6306801468844 Option 2 ID : 6306801468845 Option 3 ID : 6306801468843 Option 4 ID : 6306801468846 Status : Not Answered

Q.40 Ans X 1. 9 X 2.8 **X** 3. 10 **4**. 7 Question ID: 630680524409 Option 1 ID: 6306802049737 Option 2 ID: 6306802049736 Option 3 ID: 6306802049738 Option 4 ID: 6306802049735 Status: Answered Chosen Option: 4 Q.41 In a certain code language, 'A + B' means 'A is the mother of B', 'A - B' means 'A is the brother of B', 'A × B' means 'A is the sister of B', and 'A ÷ B' means 'A is the husband of B'. How is H related to E if 'A - B \div H + C \times D + E'? Ans X 1. Mother 2. Mother's mother X 3. Daughter X 4. Mother's sister Question ID: 630680378719 Option 1 ID: 6306801475923 Option 2 ID: 6306801475924 Option 3 ID: 6306801475925 Option 4 ID: 6306801475926 Status: Not Answered Chosen Option: --Q.42 If A means +, B means -, C means × and D means ÷, then what will come in place of the question mark (?) in the following equation? 21 D 7 C 4 A 10 B 13 = ? Ans X 1. 11 **2**. 9 **X** 3. 10 X 4.8 Question ID: 630680388272 Option 1 ID: 6306801513613 Option 2 ID: 6306801513611 Option 3 ID: 6306801513612 Option 4 ID: 6306801513610 Status: Not Answered Chosen Option: --



	Select the correct mirror image of the given figure when the shown below.	mirror is placed at MN as
Ans	1.	
	× 2.	
	★ 3.	
	× 4.	
	× 4.	
		Question ID : 630680524861
		Option 1 ID : 6306802051543 Option 2 ID : 6306802051546
		Option 3 ID : 6306802051544
		Option 4 ID : 6306802051545 Status : Answered
		Chosen Option : 1

.47 Select the figure from the options that can replace the question mark (?) and complete the given pattern.	
Ans	
X 1.	
X 2.	
✗ 3.	
✓ 4.	
	Question ID : 630680524804 Option 1 ID : 6306802051318
	Option 2 ID : 6306802051316
	Option 3 ID : 6306802051315 Option 4 ID : 6306802051317
	Status : Answered
	Chosen Option : 4
Q.48 What should come in place of the question mark (?) in the g English alphabetical order? UTW, SRU, QPS, ONQ, MLO, ?	liven series based on the
Ans X 1. LKN	
★ 2. KJN	
※ 3. LJM	
✓ 4. KJM	
	Question ID : 630680395303
	Option 1 ID : 6306801541418 Option 2 ID : 6306801541419
	Option 3 ID : 6306801541416
	Option 4 ID : 6306801541417 Status : Answered
	Chosen Option : 4

Q.49 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed) (9, 100, 90)

(11, 120, 110)

Ans X 1. (14, 164, 154)

X 2. (13, 260, 130)

X 3. (15, 130, 120)

4. (12, 130, 120)

Question ID: 630680375856 Option 1 ID: 6306801464496 Option 2 ID: 6306801464497 Option 3 ID: 6306801464495 Option 4 ID: 6306801464498

Status: Not Answered

Chosen Option: --

Q.50 What should come in place of the question mark (?) in the given series based on the English alphabetical order? LOR, PSV, TWZ, XAD, BEH, ?

X 1. EIM Ans

X 2. GKL

X 3. FJM

√ 4. FIL

Question ID: 630680378626 Option 1 ID: 6306801475554 Option 2 ID: 6306801475552 Option 3 ID: 6306801475553 Option 4 ID: 6306801475551 Status: Not Answered

Chosen Option: --

Section: General Awareness

Q.1 Which of the following is the domestic first-class cricket championship in India?

1. Ranji Trophy Ans

X 2. Durand Cup

X 3. Santosh Trophy

X 4. Thomas Cup

Question ID: 630680510857 Option 1 ID: 6306801996558 Option 2 ID: 6306801996561 Option 3 ID: 6306801996559 Option 4 ID: 6306801996560 Status: Answered

Q.2 Which of the following is the structural and functional unit of an organism? X 1. Mitochondria X 2. ATP X 3. Nucleus 4. Cell Question ID: 630680564558 Option 1 ID: 6306802207168 Option 2 ID: 6306802207170 Option 3 ID: 6306802207169 Option 4 ID: 6306802207167 Status: Answered Chosen Option: 2 Q.3 According to Census of India 2011, which is the second most populated state? Ans X 1. Bihar X 2. Tamil Nadu 3. Maharashtra X 4. Rajasthan Question ID: 630680477716 Option 1 ID: 6306801866012 Option 2 ID: 6306801866013 Option 3 ID: 6306801866014 Option 4 ID: 6306801866015 Status: Answered Chosen Option: 3 Q.4 Who among the following eminent musicians is a famous tabla player? Ans X 1. Ustad Bade Gulam Ali Khan X 2. Ustad Moinuddin Khan X 3. Ustad Abdul Rashid Khan 4. Ustad Zakir Hussain Question ID: 630680701404 Option 1 ID: 6306802747556 Option 2 ID: 6306802747553 Option 3 ID: 6306802747554 Option 4 ID: 6306802747555 Status: Answered Chosen Option: 4 Q.5 In which of the following countries was the revolutionary Ghadar Party formed? Ans X 1. Germany X 2. England X 4. Switzerland Question ID: 630680572366 Option 1 ID: 6306802238304 Option 2 ID: 6306802238305 Option 3 ID: 6306802238306

Option 4 ID : **6306802238307** Status : **Not Answered**

Q.6 It is hot outside. It is cloudy and raining most of the time. It is the month of June. Which season is it? X 1. Winter Ans X 2. Summer 3. Monsoon X 4. Spring Question ID: 630680546819 Option 1 ID: 6306802137842 Option 2 ID: 6306802137843 Option 3 ID: 6306802137844 Option 4 ID: 6306802137845 Status: Answered Chosen Option: 4 Which Article of the Constitution of India mentions about enlargement of the jurisdiction of the Supreme Court? 1. Article 138 Ans X 2. Article 140 X 3. Article 142 X 4. Article 144 Question ID: 630680497526 Option 1 ID: 6306801943828 Option 2 ID: 6306801943829 Option 3 ID: 6306801943830 Option 4 ID: 6306801943831 Status: Answered Chosen Option: 3 Q.8 Who said, "Literacy in itself is not Education"? X 1. BR Ambedkar Ans X 2. Jawaharlal Nehru 3. Mahatma Gandhi X 4. Bal Gangadhar Tilak Question ID: 630680511591 Option 1 ID: 6306801999487 Option 2 ID: 6306801999489 Option 3 ID: 6306801999486 Option 4 ID: 6306801999488 Status: Answered Chosen Option: 1 Q.9 Who was sworn in as the Governor of Andhra Pradesh on 24 February 2023? Ans X 1. Acharya Dev Vrat 2. S Abdul Nazeer X 3. Gulab Chand Kataria X 4. Pratap Shukla Question ID: 630680804274 Option 1 ID: 6306803150829 Option 2 ID: 6306803150827 Option 3 ID: 6306803150828 Option 4 ID: 6306803150830 Status: Not Answered

Q.10 Which of the following is a popular email client software? Ans X 1. Microsoft Word X 2. Adobe Photoshop X 3. Mozilla Firefox 4. Microsoft Outlook Question ID: 630680572009 Option 1 ID: 6306802236908 Option 2 ID: 6306802236909 Option 3 ID: 6306802236910 Option 4 ID: 6306802236911 Status: Answered Chosen Option: 4 Q.11 Which organelle is responsible for producing ATP, the cell's energy currency? Ans X 1. Nucleus 2. Mitochondrion X 3. Golgi apparatus X 4. Endoplasmic reticulum Question ID: 630680411630 Option 1 ID: 6306801605355 Option 2 ID: 6306801605356 Option 3 ID: 6306801605357 Option 4 ID: 6306801605358 Status: Answered Chosen Option: 4 Q.12 When did the government launch Start-up India Seed Fund Scheme? Ans X 1. 2020 2. 2021 X 3. 2022 X 4. 2023 Question ID: 630680481018 Option 1 ID: 6306801878656 Option 2 ID: 6306801878657 Option 3 ID: 6306801878658 Option 4 ID: 6306801878659 Status: Not Answered Chosen Option: --Q.13 When was the 'Mahatma Gandhi Series' of Indian Bank notes started? Ans X 1. 1991

2. 1996

X 3. 2000

X 4. 1994

Question ID: 630680512479 Option 1 ID: 6306802002886 Option 2 ID: 6306802002888 Option 3 ID: 6306802002889 Option 4 ID: 6306802002887 Status: Answered

Q.14 The central government, in 2021, set up an eight-member panel for framing a new law for drugs, cosmetics and medical devices. Who headed that panel? X 1. AK Pradhan X 2. Rajiv Wadhawan X 3. NL Meena 4. Dr. VG Somani Question ID: 63068053241 Option 1 ID: 630680205067 Option 2 ID: 630680205066 Option 3 ID: 630680205069 Option 4 ID: 630680205068 Status: Not Answered Chosen Option: --Q.15 According to Article 243 I of the Constitution, the Governor of a state constitutes the Finance Commission for every _ Ans X 1. 2 years X 2. 3 years 3. 5 years X 4. 7 years Question ID: 630680493646 Option 1 ID: 6306801928312 Option 2 ID: 6306801928313 Option 3 ID: 6306801928314 Option 4 ID: 6306801928315 Status: Not Answered Chosen Option: --Q.16 Which of the following are NOT contents of soil? Ans X 1. Bacteria and fungi X 2. Minerals 3. Steroids X 4. Grains of stones Question ID: 630680546831 Option 1 ID: 6306802137894 Option 2 ID: 6306802137891 Option 3 ID: 6306802137893 Option 4 ID: 6306802137892 Status: Answered Chosen Option: 3 Q.17 Which of the following is a simple monocarboxylic acid containing two carbons? 1. Acetic acid X 2. Valeric acid X 3. Capric acid X 4. Palmitic acid Question ID: 630680402998 Option 1 ID: 6306801571563 Option 2 ID: 6306801571566 Option 3 ID: 6306801571564

Option 4 ID : **6306801571565** Status : **Not Answered**

Q.18 The 42nd Constitutional Amendment Act (1976) added three new words to the Preamble i.e. socialist, secular and _____. Ans ______. 1. republic

3. integrity4. democratic

X 2. fraternity

Question ID: 630680804340
Option 1 ID: 6306803151093
Option 2 ID: 6306803151094
Option 3 ID: 6306803151092
Option 4 ID: 6306803151091
Status: Not Answered

Chosen Option: --

Q.19 Which of the following is NOT an animal of Phylum Chordate?

Ans X 1. Rabbit

X 2. Snake

3. Earthworm

X 4. Frog

Question ID: 630680542130 Option 1 ID: 6306802119464 Option 2 ID: 6306802119462 Option 3 ID: 6306802119463 Option 4 ID: 6306802119461 Status: Answered

Chosen Option: 3

Q.20 Which organelle contains enzymes that help break down fatty acids and detoxify certain compounds in the cell?

Ans X 1. Centriole

2. Peroxisome

X 3. Vacuole

X 4. Lysosome

Question ID: 630680540553 Option 1 ID: 6306802113290 Option 2 ID: 6306802113288 Option 3 ID: 6306802113289 Option 4 ID: 6306802113287

Status: Answered

Chosen Option: 2

Q.21 Why is it safer for our hands to use a wooden spoon while cooking in a hot pan instead of using a metallic spoon?

Ans X 1. Wood is a good conductor of heat and helps in cooking.

X 2. Wood adds nice flavours to the food being cooked.

3. Wood is an insulator and does not heat up.

X 4. Wood helps the food cook faster.

Question ID : 630680397593 Option 1 ID : 6306801550293 Option 2 ID : 6306801550294 Option 3 ID : 6306801550295 Option 4 ID : 6306801550296 Status : Answered

The ____ Health Card Scheme was launched by the Government of India in the year 2014-15. Q.22 The X 1. Forest Ans 2. Soil X 3. Mineral X 4. Water Question ID: 630680511044 Option 1 ID: 6306801997306 Option 2 ID: 6306801997308 Option 3 ID: 6306801997307 Option 4 ID: 6306801997309 Status: Not Answered Chosen Option: --Q.23 Certain grass-eating animals complete the digestion of food in two processes. First, they swallow partially digested food and then they regurgitate and chew upon that food again. What are such animals known as? X 1. Heterotrophs Ans X 2. Regurgitates X 3. Autotrophs 4. Ruminants Question ID: 630680539637 Option 1 ID: 6306802109673 Option 2 ID: 6306802109674 Option 3 ID: 6306802109675 Option 4 ID: 6306802109676 Status: Not Answered Chosen Option: --Q.24 What is the unit of electric current? 1. Ampere Ans X 2. Ohm X 3. Volt X 4. Watt Question ID: 630680407785 Option 1 ID: 6306801590078 Option 2 ID: 6306801590080 Option 3 ID: 6306801590079 Option 4 ID: 6306801590081 Status: Not Answered Chosen Option: --Q.25 Which directive principle was added by the 97th Amendment Act 2011? ✓ 1. Promotion of co-operative societies X 2. Uniform civil code for the citizens X 3. Separation of judiciary from executive X 4. Organisation of village panchayats Question ID: 630680511441 Option 1 ID: 6306801998894 Option 2 ID: 6306801998896 Option 3 ID: 6306801998895 Option 4 ID: 6306801998897

Status: Not Answered

Q.26 Identify the incorrect pair (River and its origin) from the following.

Ans 💢 1. Godavari - Nasik district

2. Krishna - Brahmagri range

X 3. Tapi - Satpura ranges

X 4. Narmada - Amarkantak hills

Question ID: 630680510962
Option 1 ID: 6306801996979
Option 2 ID: 6306801996980
Option 3 ID: 6306801996978
Option 4 ID: 6306801996981
Status: Not Answered

Chosen Option : --

Q.27 Which is the correct formula to calculate the formula unit mass of a compound?

Ans 🛮 🗶 1. Multiplication of all the atomic masses of all the atoms within the formula

X 2. Summation of all the atomic weights of all the atoms within the formula

3. Summation of all the atomic masses of all the atoms within the formula

X 4. Multiplication of all the atomic weights of all the atoms within the formula

Question ID: 630680401909
Option 1 ID: 6306801567382
Option 2 ID: 6306801567383
Option 3 ID: 6306801567384
Option 4 ID: 6306801567385
Status: Not Answered

Chosen Option: --

Q.28 Rank the following states in descending order of their percentage share of the population in the country's population, as per Census 2011.

Bihar, West Bengal, Rajasthan, Madhya Pradesh

Ans X 1. Rajasthan-Madhya Pradesh-Bihar-West Bengal

X 2. Madhya Pradesh-Bihar-Rajasthan-West Bengal

√ 3. Bihar-West Bengal-Madhya Pradesh-Rajasthan

X 4. Bihar-Madhya Pradesh-Rajasthan-West Bengal

Question ID: 630680488628 Option 1 ID: 6306801908531 Option 2 ID: 6306801908532 Option 3 ID: 6306801908533 Option 4 ID: 6306801908534

Status: Not Answered

Q.29 Which of the following does NOT affect the changes in the states of matter? A) Changing the kinetic energy in the particles of the matter B) Changing the temperature of the matter C) Changing the pressure on the matter D) Changing the colour of the matter Ans X 1. B 🥒 2. D X 3. C X 4. A Question ID: 630680539201 Option 1 ID: 6306802107949 Option 2 ID: 6306802107951 Option 3 ID: 6306802107950 Option 4 ID: 6306802107948 Status: Not Answered Chosen Option: --Q.30 Which sulphur containing preservative is used to increase the shelf life of meat products such as fresh sausages and burgers? Ans ✓ 1. Sodium metabisulphite X 2. Sodium polysulfides X 3. Sodium thiosulfate X 4. Sodium phenyl sulfide

Question ID : 630680404447
Option 1 ID : 6306801577288
Option 2 ID : 6306801577289
Option 3 ID : 6306801577290
Option 4 ID : 6306801577291
Status : Not Answered

Chosen Option: --

Q.31 The process of measuring various physical and chemical properties of the rocks and fluids within a wellbore is known as:

Ans 🚀 1. well logging

X 2. drilling

X 3. reservoir modelling

X 4. enhanced oil recovery techniques

Question ID: 630680615287
Option 1 ID: 6306802407822
Option 2 ID: 6306802407823
Option 3 ID: 6306802407824
Option 4 ID: 6306802407825
Status: Not Answered

Question ID: 630680412050
Option 1 ID: 6306801607037
Option 2 ID: 6306801607035
Option 3 ID: 6306801607038
Option 4 ID: 6306801607036
Status: Not Answered
Chosen Option: --

Q.33 Eukaryotic organisms can have very complex functions to sustain themselves. At the cellular level, these involve several different types of chemical functions like energy production, metabolism etc. What are the membrane-bound structures called, which are present within the cell to keep each of these functionalities separate?

Ans X 1. Cytoplasm

X 2. Plasma gel

3. Organelles

X 4. Nucleoid

Question ID: 630680403321 Option 1 ID: 6306801572793 Option 2 ID: 6306801572794 Option 3 ID: 6306801572795 Option 4 ID: 6306801572796 Status: Not Answered

Chosen Option : --

Q.34 Which ministry introduced the Press and Registration of Periodicals (PRP) Bill in Rajya Sabha on 1 August 2023?

Ans X 1. Ministry of Electronics and Information Technology

2. Ministry of Commerce and Industry

3. Ministry of Information and Broadcasting

X 4. Ministry of Corporate Affairs

Question ID: 630680411226
Option 1 ID: 6306801603656
Option 2 ID: 6306801603657
Option 3 ID: 6306801603658
Option 4 ID: 6306801603659
Status: Not Answered

Q.35 According to Census of India 2011, which state/union territory has the second highest sex ratio? X 1. Chandigarh Ans X 2. Tamil Nadu 3. Puducherry X 4. Himachal Pradesh Question ID: 630680477178 Option 1 ID: 6306801863881 Option 2 ID: 6306801863882 Option 3 ID: 6306801863883 Option 4 ID: 6306801863884 Status: Not Answered Chosen Option: --, a woman educated at home at Poona, published a book, Stripurushtulna, Q.36 criticising the social differences between men and women. Ans X 1. Kadambini Devi X 2. Pandita Ramabai 3. Tarabai Shinde X 4. Savitribai Phule Question ID: 630680511621 Option 1 ID: 6306801999607 Option 2 ID: 6306801999609 Option 3 ID: 6306801999608 Option 4 ID: 6306801999606 Status: Not Answered Chosen Option: --Q.37 Which term refers to the increasing concentration of toxins within each successive link in the food chain? Ans X 1. Denitrification 2. Biomagnification X 3. Facilitation X 4. Stratification Question ID: 630680404315 Option 1 ID: 6306801576763 Option 2 ID: 6306801576762 Option 3 ID: 6306801576765 Option 4 ID: 6306801576764 Status: Not Answered Chosen Option: --

Q.38 The Y-shaped proteinaceous structure produced by the immune cells to defend our body against harmful bacteria and viruses are known as: Ans √ 1. immunoglobulin X 2. amino acids X 3. collagen X 4. haemoglobin Question ID: 630680457041 Option 1 ID: 6306801785109 Option 2 ID: 6306801785110 Option 3 ID: 6306801785111 Option 4 ID: 6306801785112 Status: Not Answered Chosen Option: --Q.39 Who among the following became the first woman Chief Executive and Chairperson of the Railway Board on 1 September 2023? X 1. Maria Kalavathy Ans X 2. Surekha Bhosale 3. Jaya Varma Sinha X 4. Kabitha Mathur Question ID: 630680412694 Option 1 ID: 6306801609599 Option 2 ID: 6306801609600 Option 3 ID: 6306801609601 Option 4 ID: 6306801609602 Status: Not Answered Chosen Option: --Q.40 Which agency supported the Bihar State Rural Livelihoods Mission (Jeevika) in developing digital financial services?

Ans X 1. SBI

X 2. RBI

X 4. SEBI

Question ID: 630680402042 Option 1 ID: 6306801567866 Option 2 ID: 6306801567867 Option 3 ID: 6306801567868 Option 4 ID: 6306801567869 Status: Not Answered

Q.41 What is the difference between a somatic cell and a reproductive cell?

Ans 1. Somatic cells undergo mitotic cell division while reproductive cells undergo meiotic cell division.

× 2. The somatic cells have mitochondria but the reproductive cells do not have any mitochondria.

X 3. Somatic cells do not contain any chromosome while reproductive cells have their own chromosome.

X 4. The somatic cell and reproductive cell are neither diploid nor haploid.

Question ID: 630680399208 Option 1 ID: 6306801556779 Option 2 ID: 6306801556780 Option 3 ID: 6306801556781 Option 4 ID: 6306801556782 Status: Not Answered

Chosen Option: --

Q.42 In how many different combinations do the standard ASCII codes come?

Ans X 1. 100

X 2. 64

X 3. 256

4. 128

Question ID: 630680379378 Option 1 ID: 6306801478556 Option 2 ID: 6306801478555 Option 3 ID: 6306801478558 Option 4 ID: 6306801478557 Status: Not Answered

Chosen Option: --

Q.43 The Battle of Chandawar was fought between Muhammad Ghori and ______, a ruler of the Gahadavala dynasty, in 1194.

Ans X 1. Harishchandra

X 2. Govindachandra

X 3. Vijayachandra

4. Jaichand

Question ID: 630680511630
Option 1 ID: 6306801999642
Option 2 ID: 6306801999645
Option 3 ID: 6306801999644
Option 4 ID: 6306801999643
Status: Not Answered

Q.44 In which of the following Olympic Games did Dipa Karmakar participate?

Ans 🛷 1. Rio 2016

X 2. London 2012

X 3. Athens 2004

X 4. Beijing 2008

Question ID: 630680435723 Option 1 ID: 6306801700813 Option 2 ID: 6306801700814 Option 3 ID: 6306801700815 Option 4 ID: 6306801700816

Status : **Not Answered**Chosen Option : --

Q.45 Who introduced the Digital Personal Data Protection Bill in the Lok Sabha on 3 August 2023?

Ans X 1. Subrahmanyam Jaishankar

X 2. Piyush Goyal

X 3. Anurag Singh Thakur

4. Ashwini Vaishnaw

Question ID: 630680411231
Option 1 ID: 6306801603676
Option 2 ID: 6306801603677
Option 3 ID: 6306801603678
Option 4 ID: 6306801603679
Status: Not Answered

Chosen Option: --

Q.46 Where is the headquarters of the National Remote Sensing Centre (NRSC)?

Ans 💞 1. Hyderabad

X 2. Lucknow

X 3. Bhopal

X 4. Bhubaneshwar

Question ID: 630680510983
Option 1 ID: 6306801997063
Option 2 ID: 6306801997062
Option 3 ID: 6306801997065
Option 4 ID: 6306801997064
Status: Not Answered

Chosen Option: --

Q.47 Which Article of the Constitution of India prohibits discrimination on the grounds of religion, race and caste?

Ans 1. Article 15

X 2. Article 16

X 3. Article 17

X 4. Article 18

Question ID: 630680426437 Option 1 ID: 6306801663834 Option 2 ID: 6306801663835 Option 3 ID: 6306801663836 Option 4 ID: 6306801663837 Status: Not Answered

Q.48 Who is the governor of Reserve Bank of India as of May 2023?

Ans X 1. Urijit Patel

X 2. YV Patel

3. Shaktikanta Das

X 4. Raguram Rajan

Question ID: 630680513854 Option 1 ID: 6306802008042 Option 2 ID: 6306802008043 Option 3 ID: 6306802008044 Option 4 ID: 6306802008041 Status: Not Answered

Chosen Option: --

Q.49 What is the value of 1 electron volt (eV), which is especially used for nuclear science?

 \checkmark 1. 1.602 × 10⁻¹⁹ joules

 \times 2. 1.902 × 10⁻¹⁰ joules

X 3. 2.202 × 10⁻¹¹ joules

 \times 4. 1.202 × 10⁻¹⁵ joules

Question ID: 630680402129 Option 1 ID: 6306801568205 Option 2 ID: 6306801568206 Option 3 ID: 6306801568207 Option 4 ID: 6306801568204

Status: Not Answered

Chosen Option: --

Q.50 How does the 'Shram Suvidha Portal' of the Ministry of Labour and Employment contribute to transparency in labour law enforcement?

X 1. By providing child care centres

X 2. By allowing women to work night shifts

X 4. By ensuring minimum wages for all employees

Question ID: 630680488096 Option 1 ID: 6306801906443 Option 2 ID: 6306801906444 Option 3 ID: 6306801906445 Option 4 ID: 6306801906446

Status: Not Answered

Chosen Option: --

Section: General Engineering Electrical

Q.1 Ans	A Kaplan turbine is used for	
Alis	 2. low heads and low quantities of water 	
	X 3. high heads and large quantities of water	
	X 4. high heads and low quantities of water	
		Question ID : 630680509443
		Option 1 ID : 6306801991044
		Option 2 ID : 6306801991042
		Option 3 ID: 6306801991043
		Option 4 ID : 6306801991041
		Status : Answered
		Chosen Option : 2
0.2	Which of the following testing methods is NOT used to test an	AC energy meter?
Ans		, to one gy motor.
	X 2. Long period dial test	
	X 3. Starting test	
	✓ 4. Braking test	
		Question ID : 630680198623
		Option 1 ID : 630680770451
		Option 2 ID : 630680770452
		Option 3 ID : 630680770453 Option 4 ID : 630680770454
		Status : Answered
		Chosen Option : 4
Q.3	What is the formula for calculating the magnitude of the mechaby a current-carrying conductor perpendicular to the magnetic	field, where B =
	magnetic flux density, I = Current and L = Length of the conduction	ctor?
Ans		ctor?
Ans		ctor?
Ans		ctor?
Ans	★ 1. ◆ 2.	ctor?
Ans	★ 1.★ 2.★ 3.	ctor?
Ans	★ 1. ◆ 2.	ctor?
Ans	★ 1.★ 2.★ 3.	
Ans	★ 1.★ 2.★ 3.	Question ID : 630680503336
Ans	★ 1.★ 2.★ 3.	
Ans	★ 1.★ 2.★ 3.	Question ID : 630680503336 Option 1 ID : 6306801966927
Ans	★ 1.★ 2.★ 3.	Question ID : 630680503336 Option 1 ID : 6306801966927 Option 2 ID : 6306801966925
Ans	★ 1.★ 2.★ 3.	Question ID : 630680503336 Option 1 ID : 6306801966927 Option 2 ID : 6306801966925 Option 3 ID : 6306801966926

Q.4 How does the power factor affect the reading of a wattmeter if voltage and current are unaltered? X 1. The reading increases with square of the power factor. Ans 2. The reading is independent of the power factor. X 3. The reading decreases with the power factor. 4. The reading increases with the power factor. Question ID: 630680509369 Option 1 ID: 6306801990766 Option 2 ID: 6306801990765 Option 3 ID: 6306801990763 Option 4 ID: 6306801990764 Status: Not Answered Chosen Option: --Q.5 In the context of electromagnetism, if a conductor is held in the right hand with the thumb pointing in the direction of the current, then the other fingers will point towards Ans 1. magnetic field intensity 2. direction of the magnetic field X 3. current flowing through the conductor X 4. length of the conductor Question ID: 630680504231 Option 1 ID: 6306801970488 Option 2 ID: 6306801970487 Option 3 ID: 6306801970486 Option 4 ID: 6306801970485 Status: Answered Chosen Option: 2 Q.6 In electromagnetism of parallel magnetic circuits, the reluctance offered for two parallel paths will be Ans X 1. square for each path X 2. quarter for each path X 3. cube for each path 4. half for each path Question ID: 630680504213 Option 1 ID: 6306801970413 Option 2 ID: 6306801970416 Option 3 ID: 6306801970414 Option 4 ID: 6306801970415 Status: Answered Chosen Option: 4

 $\mbox{m}\Omega$ and an inductance of 0.1 MH. To increase the range to 0-10 Ampere for all operational frequencies, a shunt coil is connected. The shunt coils resistance in $\mbox{m}\Omega$ and time constant in milliseconds are each given as: **1**. 5.55, 2 Ans X 2. 2; 0.55 X 3. 11.1; 2 X 4. 2; 1 Question ID: 630680509387 Option 1 ID: 6306801990835 Option 2 ID: 6306801990837 Option 3 ID: 6306801990838 Option 4 ID: 6306801990836 Status: Not Answered Chosen Option: --Q.8 A three-phase star-connected synchronous alternator of rating 22 kVA, 20 kV, 50 Hz has synchronous reactance of 8 Ω per phase. The induced voltage per phase is 20 kV and the line terminal voltage is 15 kV. Find the 3-phase maximum power of the machine. X 1. 37.5 MW Ans X 2. 211.5 MW X 3. 121. 5 MW 4. 112.5 MW Question ID: 630680339333 Option 1 ID: 6306801319903 Option 2 ID: 6306801319902 Option 3 ID: 6306801319904 Option 4 ID: 6306801319901 Status: Not Answered Chosen Option: --Q.9 In a magnetic circuit, when magnetic flux is passing across the air gap, then effective area of the gap increases and magnetic flux density decreases in the gap. This effect is known as X 1. magnetic hysteresis X 2. magnetising force 3. magnetic fringing X 4. magnetic leakage Question ID: 630680504222 Option 1 ID: 6306801970450 Option 2 ID: 6306801970451 Option 3 ID: 6306801970449 Option 4 ID: 6306801970452 Status: Answered Chosen Option: 1

Q.7 A moving iron ammeter with a range of 0 to 1 amps has an internal resistance of 50

Q.10 Identify the INCORRECT statement regarding a nuclear power plant.

1. Graphite and Boron carbides are used as control rods.

- 2. The ordinary water is used as a moderator only after it is enriched with uranium.
- X 3. Heavy water can be used as a coolant.
- X 4. The fuel rods contain pellets of uranium.

Question ID: 630680509405 Option 1 ID: 6306801990889 Option 2 ID: 6306801990892 Option 3 ID: 6306801990890 Option 4 ID: 6306801990891 Status: Answered

Chosen Option: 3

Q.11 Which of the following facts is correct for KCL?

- Ans X 1. Charge accumulation may or may not be possible
 - X 2. Possibility of charge accumulation at node
 - X 3. Energy may be stored at the node
 - 4. Zero charge accumulation at node

Question ID: 630680340629 Option 1 ID: 6306801324960 Option 2 ID: 6306801324957 Option 3 ID: 6306801324958 Option 4 ID: 6306801324959 Status: Answered

Chosen Option: 2

Q.12 The equivalent electrical circuit of a solar PV cell has a _

- Ans X 1. capacitor
 - X 2. inductor
 - X 3. transistor

4. diode

Question ID: 630680509437 Option 1 ID: 6306801991019 Option 2 ID: 6306801991020 Option 3 ID: 6306801991018 Option 4 ID: 6306801991017 Status: Answered

Chosen Option: 4

Q.13 Which of the following statements is correct about inert gas metal arc welding?

- Ans X 1. In this method, flux is required.
 - 2. In this method, concentration of heat is easily possible.
 - X 3. In this method, concentration of heat is difficult.
 - 4. This method is particularly suitable for welding heavy metals.

Question ID: 630680389656 Option 1 ID: 6306801519083 Option 2 ID: 6306801519085 Option 3 ID: 6306801519084 Option 4 ID: 6306801519082 Status: Answered

Q.14 Which of the following statements are correct about the maintenance factor?

I) It is the ratio of illumination under normal working condition to the total lumen given out by the lamp.

II) It is the ratio of illumination under normal working condition to the illumination when the things are perfectly clean.

III) The accumulation of dust, dirt and smoke on the lamp decreases the maintenance factor.

IV) It is the ratio of illumination when the things are perfectly clean to the illumination under normal working condition.

Ans

✓ 1. Statements II and III

X 2. Statements III and IV

X 3. Statements I and III

X 4. Only Statement II

Question ID: 630680401394 Option 1 ID: 6306801565368 Option 2 ID: 6306801565369 Option 3 ID: 6306801565366 Option 4 ID: 6306801565367 Status: Answered

Chosen Option: 3

Q.15 Which of the following materials is widely used for high-temperature heating (1500 °C) applications such as in industrial furnaces and kilns?

Ans

X 1. Nickel chromium alloy

2. Silicon carbide

X 3. Bronze

X 4. Stainless steel

Question ID : 630680389649 Option 1 ID : 6306801519055 Option 2 ID : 6306801519057 Option 3 ID : 6306801519056 Option 4 ID : 6306801519054 Status : Answered

Chosen Option: 1

Q.16 A 4 pole, 50 Hz IM operates at 7% slip. The frequency of EMF induced in the rotor will

be

Ans X 1. 2.5 Hz

2. 3.5 Hz

X 3. 0.5 Hz

X 4. 1.5 Hz

Question ID: 630680509551

Option 1 ID : **6306801991475** Option 2 ID : **6306801991476**

Option 3 ID : **6306801991473** Option 4 ID : **6306801991474**

Status: Answered

2.17	The range of signal generating frequencies for a function g	generator is
Ans	X 1. 0.01 kHz to 100 Hz	
	✓ 2. 0.01 Hz to 100 kHz	
	X 3. 0.01 Hz to 100 Hz	
	X 4. 0.01 kHz to 100 kHz	
		Question ID : 630680396179 Option 1 ID : 6306801544830
		Option 2 ID : 6306801544829
		Option 3 ID : 6306801544831
		Option 4 ID : 6306801544828
		Status : Answered
		Chosen Option : 3
.18	At higher forward voltages, a junction diode is likely to	
ns	✓ 1. burn out	
	X 2. break down	
	X 3. become noisy	
	× 4. get saturated	
	4. get saturated	
		Question ID : 630680502505
		Option 1 ID : 6306801963603
		Option 2 ID : 6306801963605
		Option 3 ID : 6306801963602
		Option 4 ID : 6306801963604
		Status : Answered
		Chosen Option : 2
	which is supplied with a line voltage of 230 V, when the val 15 A and the current lags the voltage by 30°? 1. 8.963 kW 2. 12.26 kW 3. 10.25 kW 4. 14.63 kW	ue of the phase current is
		Question ID : 630680504475
		Option 1 ID : 6306801971461
		Option 2 ID : 6306801971463
		Option 3 ID : 6306801971464
		Option 4 ID : 6306801971462
		Status : Not Answered Chosen Option :
		Chosen Option :
.20	Which of the following statements is correct?	
ns	★ 1. Fault can be easily located in underground cables.	
	X 2. Overhead lines are more costly as compared to underg → 1. Overhead lines are more costly as compared to undergone. → 2. Overhead lines are more costly as compared to undergone. → 3. Overhead lines are more costly as compared to undergone. → 3. Overhead lines are more costly as compared to undergone. → 3. Overhead lines are more costly as compared to undergone. → 3. Overhead lines are more costly as compared to undergone. → 3. Overhead lines are more costly as compared to undergone. → 3. Overhead lines are more costly as compared to undergone. → 3. Overhead lines are more costly as compared to undergone. → 4. Overhead lines are more	round cables.
	X 3. The possibility of supply interruption due to lightning is more with underground cables.	
	cables.	
	cables. 4. The location of the fault in overhead lines can be found.	l easily.
		Question ID : 630680503860
		Question ID : 630680503860 Option 1 ID : 6306801969004
		Question ID : 630680503860 Option 1 ID : 6306801969004 Option 2 ID : 6306801969001
		Question ID : 630680503860 Option 1 ID : 6306801969004

Q.21 The value of inductance needed to store 4kWh of energy in a coil carrying a 2000A current is: √ 1. 7.2 H Ans \times 2. 7.2 × 10⁶ H X 3. 720 H X 4. 72 H Question ID: 630680504174 Option 1 ID: 6306801970260 Option 2 ID: 6306801970259 Option 3 ID: 6306801970258 Option 4 ID: 6306801970257 Not Attempted and Status : Marked For Review Chosen Option: --Q.22 Which of the following statements is/are NOT true for the damper windings in alternators? I)These are useful in preventing the hunting in alternators. II) Usually, damper windings are provided in smooth cylindrical type rotor alternators. III)Under normal working conditions, i.e., if machine is at synchronous speed, damper winding do not carry any currents. IV) Damper windings are also used to provide starting torque in alternators. Ans X 1. IV X 2. III √ 3. II X 4.1 Question ID: 630680366349 Option 1 ID: 6306801426916 Option 2 ID: 6306801426915 Option 3 ID: 6306801426914 Option 4 ID: 6306801426913 Status: Answered Chosen Option: 1 Q.23 X 1. Both 1 and 2 X 2. Neither 1 nor 2 X 3. Only 1 Question ID: 630680334736 Option 1 ID: 6306801302203 Option 2 ID: 6306801302204 Option 3 ID: 6306801302201 Option 4 ID: 6306801302202 Status: Answered Chosen Option: 1

Q.24 A coil having 100 turns is placed in the magnetic field of 1m wb. Find the average EMF induced if the coil is moved in 0.2 seconds from the given field to a field of 0.4m wb. X 1. 10 volts ✓ 2. 0.3 volt X 3. 3 volts X 4. 30 volts Question ID: 630680504200 Option 1 ID: 6306801970364 Option 2 ID: 6306801970362 Option 3 ID: 6306801970361 Option 4 ID: 6306801970363 Status: Answered Chosen Option: 3 Q.25 How many types of dependent sources are there? Ans X 1. 2 **2**.4 X 3.6 X 4. 5 Question ID: 630680340662 Option 1 ID: 6306801325089 Option 2 ID: 6306801325090 Option 3 ID: 6306801325092 Option 4 ID: 6306801325091 Status: Answered Chosen Option: 2 Q.26 The operating point of a transistor known as ___ 1. quiescent point X 2. cut-off point X 3. active point X 4. threshold point Question ID: 630680502524 Option 1 ID: 6306801963678 Option 2 ID: 6306801963679 Option 3 ID: 6306801963681 Option 4 ID: 6306801963680 Status: Answered Chosen Option: 4 Q.27 What does the area under the Load Duration Curve represent? X 1. The total electricity consumption of consumers during the day 2. The total number of units generated for the period considered X 3. The load factor of the power station X 4. The total power generated by a power plant during the day Question ID: 630680374440 Option 1 ID: 6306801458940 Option 2 ID: 6306801458941 Option 3 ID: 6306801458942

Option 4 ID : **6306801458939** Status : **Answered**

Q.28 What is the function of the pressure spring in a three-phase energy meter? Ans X 1. It provides deflection torque to the moving member. X 2. It moves the aluminium discs in response to the torque generated by the magnetic field. X 3. It provides mechanical support. Question ID: 630680509371 Option 1 ID: 6306801990774 Option 2 ID: 6306801990773 Option 3 ID: 6306801990772 Option 4 ID: 6306801990771 Status: Answered Chosen Option: 4 Q.29 What is the meaning of the term 'load factor'? Ans X 1. The ratio of peak load to average load over a year X 2. The ratio of total energy consumption to total energy production 3. The ratio of average load to peak load over a year X 4. The ratio of total energy production to total energy consumption Question ID: 630680374425 Option 1 ID: 6306801458880 Option 2 ID: 6306801458881 Option 3 ID: 6306801458879 Option 4 ID: 6306801458882 Status: Answered Chosen Option: 1 Q.30 The scattering of molten metal droplets outside the weld zone, which can lead to surface irregularities is called weld_ X 1. under fill Ans X 2. burn-through 3. spatter X 4. slag inclusions Question ID: 630680381621 Option 1 ID: 6306801487417 Option 2 ID: 6306801487415 Option 3 ID: 6306801487418 Option 4 ID: 6306801487416 Status: Answered Chosen Option: 3 Q.31 If the value of the common base current gain (α) is 0.98, then the value of the common collector current gain (y) is _ X 1. 0.02 Ans **2**. 50 X 3.49 X 4. 98 Question ID: 630680333329 Option 1 ID: 6306801296591 Option 2 ID: 6306801296590 Option 3 ID: 6306801296589 Option 4 ID: 6306801296592

Status: Answered

Q.32	The total inductance of two coupled coils in the series opposing and connections are 12 mH and 38 mH, respectively. Find the mutual ind the coils.		
Ans	X 1. 26 mH		
	★ 2. 13 mH		
	★ 3. 10 mH		
	✓ 4. 6.5 mH		
			630680504193
		·	6306801970334 6306801970335
		·	6306801970333
		Option 4 ID :	6306801970336
		Status :	Not Attempted and Marked For Review
		Chosen Option :	
Q.33	Which of the following statements related to the speed control of DC motors is correct?	Shunt and series	
Ans	1. In a tapped field control when all the field turns are present in the runs at the lowest speed.		
	X 2. Field diverters and tapped field control methods are mostly used in	n DC shunt motors.	
	X 3. In the Rheostatic control methods of shunt motors, the series resi connected between the line and the motor.	stor must be	
	★ 4. In series-parallel control, the motors are joined in parallel at lower at higher speeds.	speeds and series	
		Question ID :	630680503388
			6306801967134
			6306801967133
		·	6306801967135 6306801967136
		,	Answered
		Chosen Option :	3
Q.34			
A			
Ans	X 1.		
	X 2.		
	X 3.		
	✓ 4.		
	→ 4.		
		Question ID :	630680502518
			6306801963657
		·	6306801963656
			6306801963655
		·	6306801963654 : Answered
		Chosen Option :	

Q.35 If the speed of a 3-phase, 400 V, 50 Hz synchronous motor is trebled, the efficiency of the machine will X 1. become zero 2. remain constant X 3. reduce to one-third X 4. become 3 times Question ID: 630680337173 Option 1 ID: 6306801311416 Option 2 ID: 6306801311415 Option 3 ID: 6306801311414 Option 4 ID: 6306801311413 Status: Answered Chosen Option: 2 Q.36 Select the correct statement for a medium overhead transmission line. Ans X 1. Load current is directly proportional to the load power factor. 2. Load current is inversely proportional to the load power factor. X 3. Load current is directly proportional to the square of load power factor. X 4. Load current is inversely proportional to the square of load power factor. Question ID: 630680503841 Option 1 ID: 6306801968925 Option 2 ID: 6306801968926 Option 3 ID: 6306801968927 Option 4 ID: 6306801968928 Status: Answered Chosen Option: 2 Q.37 In the context of electromagnetism, the magnetic polarity of a coil of several turns can be determined by the _ Ans X 1. mechanism of force production 2. right-hand rule X 3. left-hand rule X 4. molecular theory Question ID: 630680504232 Option 1 ID: 6306801970492 Option 2 ID: 6306801970489 Option 3 ID: 6306801970490 Option 4 ID: 6306801970491 Status: Answered Chosen Option: 3

Q.38 Which of the following statements regarding biochemical-based power plants is/are true?

- A) Methane is emitted along with carbon dioxide in aerobic digestion.
- B) Sewage gas represents a mix of carbon dioxide, methane and trace gas.
- C) Syngas is generated as a result of gasification in such a plant.

Ans 1. Only B and C

X 2. Only B

X 3. Only A and B

X 4. Only A and C

Question ID: 630680509412
Option 1 ID: 6306801990920
Option 2 ID: 6306801990918
Option 3 ID: 6306801990917
Option 4 ID: 6306801990919
Status: Answered

Chosen Option: 3

Q.39 When is the error under testing of energy meter directly obtained?

Ans X 1. The meter under test and the rotating substandard meter constants are 1.

X 2. The meter under test and the rotating substandard meter constants are different.

X 3. The meter under test and the rotating substandard meter constants are zero.

√ 4. The meter under test and the rotating substandard meter constants are same.

Question ID: 630680396151
Option 1 ID: 6306801544719
Option 2 ID: 6306801544716
Option 3 ID: 6306801544718
Option 4 ID: 6306801544717
Status: Answered

Chosen Option: 4

Q.40 What is the advantage of using the current grading in relay systems?

Ans X 1. It improves the frequency stability of the power system.

✓ 2. It overcomes the long time delays occurring in graded time lag systems.

X 3. It reduces the impedance between two sub-stations.

X 4. It ensures quick tripping of the faulty circuit.

Question ID: 630680218623

Option 1 ID : 630680848402

Option 2 ID: 630680848401

Option 3 ID : 630680848400

Option 4 ID: 630680848399

Status : Answered

Q.41 The torque developed in the squirrel cage induction motor with auto-starter is Ans √ 1. K² × torque with direct switching X 2. k²/torque with direct switching X 3. K × torque with direct switching X 4. k/torque with direct switching Question ID: 630680509575 Option 1 ID: 6306801991572 Option 2 ID: 6306801991571 Option 3 ID: 6306801991570 Option 4 ID: 6306801991569 Status: Answered Chosen Option: 3 Q.42 Which of the following types of materials shows a movement from a weaker region to a stronger region of a non-uniform magnetic field? X 1. Non-magnetic material Ans 2. Diamagnetic material 3. Paramagnetic material X 4. Insulating material Question ID: 630680503967 Option 1 ID: 6306801969429 Option 2 ID: 6306801969430 Option 3 ID: 6306801969431 Option 4 ID: 6306801969432 Status: Answered Chosen Option: 3 Q.43 In the estimation and costing of public installations, which of the following factors is required, especially in long stretches of the road and even more on complicated intersections? Ans X 1. Width of illumination Limitation of glare 2. Visual guidance X 3. Limitations of glare X 4. Level of luminance Question ID: 630680365724 Option 1 ID: 6306801424422 Option 2 ID: 6306801424423 Option 3 ID: 6306801424421 Option 4 ID: 6306801424424 Status: Answered Chosen Option : 1

Q.44 Which of the following statements are true for synchronous motor losses? A)Friction and windage losses increase with the cube of speed. B)The Eddy current loss is reduced by laminating the core. C)Copper losses are independent of load. D)Core losses increase with the square of the load. Ans X 1. A and D 2. A and B X 3. C and D X 4. B and C Question ID: 630680337174 Option 1 ID: 6306801311420 Option 2 ID: 6306801311417 Option 3 ID: 6306801311419 Option 4 ID: 6306801311418 Status: Answered Chosen Option: 1 Q.45 Chargeable expenses are occasionally also termed as _____. 1. direct expense X 2. lump sum expense X 3. major expense X 4. overhead expense Question ID: 630680508372 Option 1 ID: 6306801986829 Option 2 ID: 6306801986832 Option 3 ID: 6306801986830 Option 4 ID: 6306801986831 Status: Answered Chosen Option : 2 Q.46 A Lissajous patterns on a Cathode Ray Oscilloscope (CRO) has 8 vertical maximum values and 4 horizontal maximum values. The frequency of the horizontal input is 1600 Hz. Determine the frequency of the vertical input? X 1. 200 Hz Ans 🥓 2. 800 Hz X 3. 600 Hz X 4. 400 Hz Question ID: 630680509395 Option 1 ID: 6306801990867 Option 2 ID: 6306801990870 Option 3 ID: 6306801990869 Option 4 ID: 6306801990868 Status: Answered Chosen Option: 2

Q.47 Medium transmission lines CANNOT be analysed by using which of the following methods?

Ans X 1. Nominal T method

X 2. Nominal Pi method

3. Cognitive method

X 4. Load end capacitance

Question ID: 630680503835 Option 1 ID: 6306801968904 Option 2 ID: 6306801968901 Option 3 ID: 6306801968902 Option 4 ID: 6306801968903 Status: Answered

Chosen Option : 2

Q.48 The method which can be used for the speed control of an induction motor from the stator side is _____.

Ans X 1. V/R control

X 2. adding rheostats in rotor circuit

3. V/F control

X 4. V/Z control

Question ID: 630680509571 Option 1 ID: 6306801991554 Option 2 ID: 6306801991555 Option 3 ID: 6306801991553 Option 4 ID: 6306801991556 Status: Answered

Chosen Option: 3

Q.49 The collector to the base bias configuration of a common emitter transistor implicitly employs:

Ans X 1. current series negative feedback

X 2. voltage series positive feedback

X 3. current shunt negative feedback

Question ID: 630680502519
Option 1 ID: 6306801963660
Option 2 ID: 6306801963658
Option 3 ID: 6306801963659
Option 4 ID: 6306801963661
Status: Not Answered

Chosen Option : --

Q.50 Which of the following is correct with reference to phasing out test on transformers?

X 2. This test is carried out both on 1Φ and 3Φ transformers to identify the primary and secondary winding.

X 3. This test is carried out only on 1Φ transformer to identify primary and secondary winding.

 \checkmark 4. This test is carried out only on the 3 Φ transformer to identify primary and secondary winding in the same phase.

Question ID: 630680380953
Option 1 ID: 6306801484802
Option 2 ID: 6306801484801
Option 3 ID: 6306801484800
Option 4 ID: 6306801484799
Status: Answered

Chosen Option: 1

Q.51 A battery source of 20 V when connected to a load of 19 Ω draws a current of 1 A. What is the value of internal resistance of battery?

Ans X 1.2Ω

Χ 2. 39 Ω

Χ 3. 0.5 Ω

4. 1 Ω

Question ID : 630680334685 Option 1 ID : 6306801301998 Option 2 ID : 6306801301999 Option 3 ID : 6306801302000 Option 4 ID : 6306801301997 Status : Answered

Chosen Option: 4

Q.52 In regard to estimation and costing of public lighting, which of the following factors is NOT a fundamental criterion for the quality of public lighting?

Ans 💜 1. Looping-in method

X 2. Level of luminance

X 3. Limitations of glare

X 4. Optical guidance

Question ID: 630680363646 Option 1 ID: 6306801416331 Option 2 ID: 6306801416330 Option 3 ID: 6306801416329 Option 4 ID: 6306801416332 Status: Answered

Q.53 In the context of electrical signals, if the signal generated has a definite pattern that repeats itself at regular intervals of time, such a signal is called _ 1. periodic signal 2. non-periodic signal X 3. independent signal X 4. dependent signal Question ID: 630680504245 Option 1 ID: 6306801970543 Option 2 ID: 6306801970544 Option 3 ID: 6306801970542 Option 4 ID: 6306801970541 Status: Answered Chosen Option: 1 Q.54 In thermal power plant, the fire tube and water tube boilers are classified based on X 1. state of fuel 2. tubular heating surface X 3. steam formation rate X 4. the combustion product formation Question ID: 630680396806 Option 1 ID: 6306801547309 Option 2 ID: 6306801547310 Option 3 ID: 6306801547311 Option 4 ID: 6306801547308 Status: Answered Chosen Option : 2 Q.55 During the tender in estimation and costing, the guarantee of the tenderer to deposit the required security and enter in to the required agreement on intimation of the acceptance of his tender is called _ Ans X 1. valid money X 2. deposit money X 3. earned money 4. earnest money Question ID: 630680394250 Option 1 ID: 6306801537290 Option 2 ID: 6306801537293 Option 3 ID: 6306801537292 Option 4 ID: 6306801537291 Status: Answered Chosen Option: 2

- Q.56 Which of the following statements is/are true regarding the principle of operation of a switched reluctance motor?
 - 1) The motor relies on the interaction of magnetic fields to produce rotational motion.
 - 2) The motor uses brushes and a commutator to produce rotational motion.
 - 3) The motor uses permanent magnets to produce rotational motion.
 - 4) The motor uses a series of switches to control the flow of current through its coils.

Ans 🚀 1. Only 1

X 2. Both 1 and 3

X 3. Both 1 and 2

X 4. Both 2 and 4

Question ID : 630680333394 Option 1 ID : 6306801296850 Option 2 ID : 6306801296851 Option 3 ID : 6306801296849 Option 4 ID : 6306801296852

Status : **Answered** Chosen Option : **2**

Q.57 Two coupled inductors L₁ = 8H and L₂ = 32H have coefficient of coupling K = 0.4. The mutual inductance between them is

Ans X 1. 102.4 H

X 2. 40 H

X 4. 64 H

Question ID: 630680504181 Option 1 ID: 6306801970286 Option 2 ID: 6306801970287 Option 3 ID: 6306801970288 Option 4 ID: 6306801970285

Status : **Answered** Chosen Option : **3**

Q.58 Which statement is NOT true for fixed drum type biogas power plant?

Ans X 1. It has a lower cost.

X 2. It has no corrosion problem.

X 3. The gas production per cubic metre of digester is less.

Question ID : 630680509424 Option 1 ID : 6306801990968 Option 2 ID : 6306801990965 Option 3 ID : 6306801990967

Option 4 ID : **6306801990966** Status : **Answered**

	X 1. spot light	
	X 2. colour	
	X 4. decoration	
		Question ID : 630680363637
		Option 1 ID : 6306801416296
		Option 2 ID : 6306801416294 Option 3 ID : 6306801416295
		Option 4 ID : 6306801416293
		Status : Answered
		Chosen Option: 3
_		
.60	The AC ripples can be reduced in a rectifier circuit I the capacitance value and by	by using capacitive filter by the input frequency.
ıns	X 1. decreasing; increasing	
	X 2. increasing; decreasing	
	3. increasing; increasing	
	X 4. decreasing; decreasing	
		Question ID : 630680502531
		Option 1 ID : 6306801963709
		Option 2 ID : 6306801963708
		Option 3 ID : 6306801963706 Option 4 ID : 6306801963707
		Status : Answered
		Chosen Option: 2
	The efficiency of a 60 Hz, 6-pole, 1000 rpm 3-phase	induction motor is
	₩ 1.	
IIIS		
MIS	X 2.	
MIS		
Ans	X 3.	
MIS		
Alis	X 3.	Question ID : 630680509562
Alis	X 3.	Question ID : 630680509562 Option 1 ID : 6306801991518
Mis	X 3.	
Alis	X 3.	Option 1 ID : 6306801991518 Option 2 ID : 6306801991519 Option 3 ID : 6306801991520
AIIS	X 3.	Option 1 ID : 6306801991518 Option 2 ID : 6306801991519 Option 3 ID : 6306801991520 Option 4 ID : 6306801991517
AIIS	X 3.	Option 1 ID : 6306801991518 Option 2 ID : 6306801991519 Option 3 ID : 6306801991520

Q.62 A sinusoidal alternating voltage of time period 36 ms has the maximum value of 250 V. Its value will reach -125 V (half the value of negative maximum) after _____ milliseconds. Ans X 1. 18 X 2. 3 **X** 3. 9 **4**. 21 Question ID: 630680383094 Option 1 ID: 6306801493284 Option 2 ID: 6306801493285 Option 3 ID: 6306801493286 Option 4 ID: 6306801493283 Status: Answered Chosen Option: 3 Q.63 What will be the stored energy by a 100 mH inductor when 1 A current is flowing through it? √ 1. 0.05 J Ans X 2. 0.01 J X 3. 0.005 J X 4. 0.001 J Question ID: 630680340717 Option 1 ID: 6306801325312 Option 2 ID: 6306801325310 Option 3 ID: 6306801325311 Option 4 ID: 6306801325309 Status: Answered Chosen Option : 1 Q.64 The back EMF in a DC motor opposes the supply voltage. This is explained by X 1. Fleming's right hand rule X 2. Faraday's laws of electromagnetic induction X 3. Fleming's left hand rule 4. Lenz's law Question ID: 630680503394 Option 1 ID: 6306801967159 Option 2 ID: 6306801967157 Option 3 ID: 6306801967158 Option 4 ID: 6306801967160 Status: Answered Chosen Option: 4

Q.65 A 4Ω resistor has a specified maximum power dissipation of 784 W. Calculate its maximum current level. Ans 1.14 A

X 2. 196 A

X 3. 16 A

X 4. 10 A

Question ID : 630680504207 Option 1 ID : 6306801970390 Option 2 ID : 6306801970391 Option 3 ID : 6306801970392 Option 4 ID : 6306801970389 Status : Answered

Chosen Option: 1

Q.66 Which of the following triggers the failure of successive parts?

Ans X 1. Non-cascade tripping

X 2. Load shedding

3. Brown out

X 4. Incipient fault in power transformer

Question ID: 630680333375 Option 1 ID: 6306801296775 Option 2 ID: 6306801296776 Option 3 ID: 6306801296774 Option 4 ID: 6306801296773 Status: Not Answered

Chosen Option: --

Q.67 An R-L series circuit, where R = 10 Ω and L = 0.056 H, is connected to an AC supply of frequency 50 Hz. The magnitude of impedance of the circuit is:

Ans × 1. 5.23 Ω

🗶 2. 30.23 Ω

🗶 3. 10.23 Ω

√ 4. 20.23 Ω

Question ID: 630680504465 Option 1 ID: 6306801971423 Option 2 ID: 6306801971424 Option 3 ID: 6306801971422 Option 4 ID: 6306801971421

Status : Not Answered

Chosen Option : --

Q.68 Which of the following is an example of an electrostatic type instrument?

Ans X 1. Energy meter

2. Kelvin multicellular voltmeter

X 3. Hot wire instrument

X 4. Wattmeter

Question ID: 630680509376 Option 1 ID: 6306801990794 Option 2 ID: 6306801990792 Option 3 ID: 6306801990791 Option 4 ID: 6306801990793

Status : Answered

X 1. larger diameter and high speed 2. high speed and smaller diameter X 3. low speed and smaller diameter Question ID: 630680337169 Option 1 ID: 6306801311399 Option 2 ID: 6306801311398 Option 3 ID: 6306801311400 Option 4 ID: 6306801311397 Status: Answered Chosen Option: 1 Q.70 Which of the following factors will NOT affect the selection of an inductor? Ans X 1. Power loss 2. Dielectric constant X 3. Quality factor X 4. Current rating Question ID: 630680504239 Option 1 ID: 6306801970519 Option 2 ID: 6306801970520 Option 3 ID: 6306801970517 Option 4 ID: 6306801970518 Status: Answered Chosen Option: 1 Q.71 A combination of integral-cycle control and switching-instant control on the applied voltage wave is employed in IM for _ ✓ 1. smooth speed control Ans X 2. rotor resistance control only X 3. stator resistance control X 4. frequency control Question ID: 630680509566 Option 1 ID: 6306801991534 Option 2 ID: 6306801991533 Option 3 ID: 6306801991536 Option 4 ID: 6306801991535 Status: Answered Chosen Option: 3

Q.69 In regard to the construction of a synchronous alternator, hydro alternators have

Q.72 A 400 V, 30 kVA, single-phase alternator has an effective armature resistance of 0.3 Ω. An excitation current of 20 A produces 266 A armature current on short-circuit and an EMF of 400 V on open-circuit. The synchronous impedance and synchronous reactance of the alternator are, respectively, Ans \times 1. 1.46 Ω and 1.5 Ω $\checkmark\!\!\!/$ 2. 1.5 Ω and 1.46 Ω χ 3. 20 Ω and 0.3 Ω χ 4. 0.3 Ω and 20 Ω Question ID: 630680337166 Option 1 ID: 6306801311385 Option 2 ID: 6306801311386 Option 3 ID : 6306801311388 Option 4 ID: 6306801311387 Status: Not Answered Chosen Option: --Q.73 Ans X 1. **4**. Question ID: 630680209226 Option 1 ID: 630680811120 Option 2 ID: 630680811122 Option 3 ID: 630680811121 Option 4 ID: 630680811119 Status: Answered Chosen Option: 2 Q.74 Which of the following represents the value of parameters A and D for a transmission line in end condenser method? √ 1. A = 1 + YZ, D = 1 Ans X 2. A = 1; D = 1 + ZY X 3. A = 1 - ZY; D = 1 + ZY X 4. A = 1 + ZY; D = 1 + ZY Question ID: 630680503812 Option 1 ID: 6306801968810 Option 2 ID: 6306801968812 Option 3 ID: 6306801968811 Option 4 ID: 6306801968809 Status: Not Answered Chosen Option: --

	Ten resistors having the same value of resistance i.e. 10 ohm, parallel. What will be the equivalent resistance of this connecti	
Ans	★ 1. 2 ohm	
	× 2. 5 ohm	
	X 3. 100 ohm	
	✓ 4. 1 ohm	
		Question ID : 630680340673
		Option 1 ID : 6306801325135 Option 2 ID : 6306801325136
		Option 3 ID : 6306801325134
		Option 4 ID : 6306801325133
		Status : Answered
		Chosen Option : 4
Q.76 Ans	If the distance between the plates of a parallel plate capacitor is and the area is reduced to one-fourth, then its capacitance	
	X 2.	
	✓ 3.	
	× 4.	
		Question ID : 630680504182
		Option 1 ID : 6306801970289
		Option 2 ID : 6306801970291
		Option 3 ID : 6306801970292 Option 4 ID : 6306801970290
		Status : Answered
		Chosen Option : 1
	Determine the force required to separate two magnetic surface $4\pi\ cm^2$ and the magnetic flux density across the surface is 1 v	
Ins		
	★ 2. 800 N	
	X 3. 100 N	
		Question ID: 630680504203
		Option 1 ID : 6306801970373
		Option 2 ID : 6306801970376
		Option 3 ID : 6306801970375
		Option 4 ID : 6306801970374 Status : Not Answered
		Otatus . Not Alisweled
		Chosen Option :

Q.78 In regard to installations of street lighting, what is the average illumination level of Class A1 installations used in important shopping centres and at road junctions? X 1. 40 lumens/m² 2. 10 lumens/m² √ 3. 30 lumens/m² X 4. 20 lumens/m² Question ID: 630680363643 Option 1 ID: 6306801416320 Option 2 ID: 6306801416317 Option 3 ID: 6306801416319 Option 4 ID: 6306801416318 Status: Answered Chosen Option: 3 Q.79 The line voltage of a delta connected three phase circuit is 415 V. The phase voltage is: Ans X 1. 240 V 🥒 2. 415 V X 3. 230 V X 4. 220 V Question ID: 630680334741 Option 1 ID: 6306801302223 Option 2 ID: 6306801302224 Option 3 ID: 6306801302222 Option 4 ID: 6306801302221 Status: Answered Chosen Option: 4 Q.80 In heating effect, if 'l' is the current flowing through the conductor in 't' seconds having a resistance 'R', then the electrical energy supplied is Ans X 1. IR²/t joules X 2. I²R/t joules X 4. IR²t joules Question ID: 630680504171 Option 1 ID: 6306801970248 Option 2 ID: 6306801970247 Option 3 ID: 6306801970246 Option 4 ID: 6306801970245 Status: Answered Chosen Option: 2 Q.81 The value of a series resistor required to limit the current through an electric bulb to 40 mA with a forward voltage drop of 4V when connected to 16 V supply is _ 1. 300 Ω Ans Χ 2. 100 Ω Χ 3. 1000 Ω Χ 4. 20 Ω Question ID: 630680504141 Option 1 ID: 6306801970125 Option 2 ID: 6306801970126 Option 3 ID: 6306801970127 Option 4 ID: 6306801970128 Status: Not Answered

Q.82 In order to prevent creeping in an energy meter, which of the following measures is adopted? ✓ 1. Two, diametrically opposite holes are drilled on the aluminium disc. Ans X 2. Two, diametrically opposite holes are drilled on the central limb. X 3. A shading band is provided on the central limb of the shunt magnet. 4. A temperature shunt is used on the brake magnet. Question ID: 630680509373 Option 1 ID: 6306801990779 Option 2 ID: 6306801990780 Option 3 ID: 6306801990781 Option 4 ID: 6306801990782 Status: Answered Chosen Option: 2 Q.83 A coil of inductance 10 H and resistance 40 ohm is connected in series with a capacitance and supplied by a source of variable frequency. If the maximum current is found at frequency 1000 rad/sec, then Q-factor of the circuit will be X 1. 25 Ans **2.** 250 X 3. 200 X 4. 100 Question ID: 630680209214 Option 1 ID: 630680811072 Option 2 ID: 630680811071 Option 3 ID: 630680811074 Option 4 ID: 630680811073 Status: Not Answered Chosen Option : --Q.84 The receiving end voltage of a radial distribution network is 24 kV. What will be the sending end voltage, if the voltage drop is calculated 25% of receiving end voltage? Ans X 1. 36 kV 🥒 2. 30 kV X 3. 18 kV X 4. 32 kV Question ID: 630680503848 Option 1 ID: 6306801968956 Option 2 ID: 6306801968954 Option 3 ID: 6306801968953 Option 4 ID: 6306801968955 Status: Answered Chosen Option: 2

Q.85 To prevent rusting in electric iron, the plates of the bottom surface and edges are made of

Ans

X 1. mica

X 2. heavy iron

X 3. asbestos

4. heavy chromium

Question ID: 630680504256 Option 1 ID: 6306801970585 Option 2 ID: 6306801970587 Option 3 ID: 6306801970586 Option 4 ID: 6306801970588 Status: Answered

Chosen Option : 1

Q.86 How does the load factor impact the cost of a unit (kWh) of electricity?

Ans X 1. Load factor only affects the demand charges, not the generation costs.

2. Higher load factor leads to lower generation costs per unit.

X 3. Higher load factor leads to higher generation costs per unit.

4. Load factor has no impact on the generation costs per unit.

Question ID: 630680374432 Option 1 ID: 6306801458910 Option 2 ID: 6306801458908 Option 3 ID: 6306801458907 Option 4 ID: 6306801458909 Status: Answered

Chosen Option: 1

Q.87 Which of the following statement is true regarding End Condenser method used for the performance analysis of medium transmission line?

Ans

1. Line capacitance is lumped at the receiving endduring the analysis.

2. Line capacitance is lumped at the sending endduring the analysis.

X 3. Line capacitance is considered distributed parameter during the analysis.

X 4. Line capacitance is lumped between resistance and Inductance during analysis.

Question ID: 630680503838 Option 1 ID: 6306801968916 Option 2 ID: 6306801968914 Option 3 ID: 6306801968913 Option 4 ID: 6306801968915 Status: Not Answered

Chosen Option: --

Q.88 Which modulation technique is commonly used in power modulators to achieve variable power output?

Ans X

X 1. Delta modulation

2. Pulse-width modulation

3. Frequency modulation

4. Amplitude modulation

Question ID: 630680381594

Option 1 ID: 6306801487310

Option 2 ID: 6306801487309

Option 3 ID: 6306801487307

Option 4 ID: 6306801487308

Status: Answered

Q.89 Consider the following statements regarding Brushless DC motors and select the correct option.

(i) In Brushless motors, there is a provision of permanent magnets that will rotate around a moving armature.

(ii) The brush-commutator assembly of a conventional DC motor is replaced by an electronic controller in the Brushless DC motors.

(iii) For same kW rating, the Brushless DC motor is less expensive than the Brushed conventional DC motor.

Ans X 1. (i) and (ii) are false

X 2. Only (ii) is false

X 3. (ii) and (iii) are false

4. (i) and (iii) are false

Question ID: 630680503375 Option 1 ID: 6306801967082 Option 2 ID: 6306801967084 Option 3 ID: 6306801967083 Option 4 ID: 6306801967081 Status: Answered

Chosen Option: 2

Q.90 In internal wiring estimation, if the connected load is 2 kW and the supply voltage is 240 V, then the maximum load current will be ______.

Ans X 1.80 A

X 2. 4.33 A

X 3. 1.14 A

√ 4. 8.33 A

Question ID: 630680333220 Option 1 ID: 6306801296154 Option 2 ID: 6306801296155 Option 3 ID: 6306801296156 Option 4 ID: 6306801296153 Status: Answered

Chosen Option : 4

Q.91 Which of the following is true for the performance analysis of medium transmission line using end condenser method?

Ans 1. The voltage across the load is equal to the voltage across the lumped line capacitance.

X 2. The voltage across the load is higher than the voltage across the each different distributed line capacitance.

X 3. The voltage across the load is lower than the voltage across the each different distributed line capacitance.

X 4. The voltage across the load is higher than the voltage across the lumped line capacitance.

Question ID: 630680503837 Option 1 ID: 6306801968912 Option 2 ID: 6306801968909

Option 3 ID : **6306801968910** Option 4 ID : **6306801968911**

Status : Not Answered

Q.92 Which of the following factors will NOT affect the selection of a resistor? Ans X 1. Thermal resistivity 2. Frequency range X 3. Power rating (in watts) X 4. Tolerance Question ID: 630680504238 Option 1 ID: 6306801970514 Option 2 ID: 6306801970513 Option 3 ID: 6306801970516 Option 4 ID: 6306801970515 Status: Answered Chosen Option: 2 Q.93 Transmission efficiency of a transmission line increases with the _ 1. decrease in power factor and voltage X 2. increase in voltage only power factor remains constant X 3. increase in power factor but the decrease in voltage 4. increase in power factor and voltage Question ID: 630680503826 Option 1 ID: 6306801968865 Option 2 ID: 6306801968868 Option 3 ID: 6306801968867 Option 4 ID: 6306801968866 Status: Answered Chosen Option: 2 Q.94 Which of the following statements are INCORRECT about auxiliary motor starting in synchronous motors? A) The function of the auxiliary motor is to run the synchronous motor at a speed less than its synchronous speed. B) The rating of the auxiliary motor is much lower than that of the synchronous motor. C) This method is used only for loaded synchronous motors. D) Auxiliary motor starting is not a commonly used starting method in modern days. Ans X 1. A and C X 2. A and D X 4. B and D Question ID: 630680339335 Option 1 ID: 6306801319909 Option 2 ID: 6306801319911 Option 3 ID: 6306801319910 Option 4 ID: 6306801319912 Status: Not Answered Chosen Option: --

	In the circuit shown here, the 20 V source has an internal resistance current source is ideal, the value of current I is	e of 1 Ω. While the	
าร	X 1. 10 A		
15			
	★ 2.1A★ 31A		
	√ 31 A		
	X 4.5 A		
			: 630680209177 : 630680810926
			: 630680810924
		1	: 630680810923
		Option 4 ID	: 630680810925
			: Answered
		Chosen Option	: 3
	In a parallel resonant circuit, the input impedance of the circuit is	-	
		·	
	✓ 1. maximumX 2. zeroX 3. infinite		· 630680504470
	✓ 1. maximumX 2. zeroX 3. infinite	Question ID	: 630680504470 : 6306801971441
	✓ 1. maximumX 2. zeroX 3. infinite	Question ID Option 1 ID	
	✓ 1. maximumX 2. zeroX 3. infinite	Question ID Option 1 ID Option 2 ID Option 3 ID	: 6306801971441 : 6306801971443 : 6306801971444
	✓ 1. maximumX 2. zeroX 3. infinite	Question ID Option 1 ID Option 2 ID Option 3 ID Option 4 ID	: 6306801971441 : 6306801971443 : 6306801971444 : 6306801971442
	✓ 1. maximumX 2. zeroX 3. infinite	Question ID Option 1 ID Option 2 ID Option 3 ID Option 4 ID Status	: 6306801971441 : 6306801971443 : 6306801971444 : 6306801971442 : Answered
	✓ 1. maximumX 2. zeroX 3. infinite	Question ID Option 1 ID Option 2 ID Option 3 ID Option 4 ID	: 6306801971441 : 6306801971443 : 6306801971444 : 6306801971442 : Answered
97	 ✓ 1. maximum ✓ 2. zero ✓ 3. infinite ✓ 4. minimum Two inductively coupled coils have self-inductance L ₁ =20H and L ₂ =	Question ID Option 1 ID Option 2 ID Option 3 ID Option 4 ID Status Chosen Option	: 6306801971441 : 6306801971443 : 6306801971444 : 6306801971442 : Answered
.97	 ✓ 1. maximum X 2. zero X 3. infinite X 4. minimum 	Question ID Option 1 ID Option 2 ID Option 3 ID Option 4 ID Status Chosen Option	: 6306801971441 : 6306801971443 : 6306801971444 : 6306801971442 : Answered
.97	 ✓ 1. maximum ✓ 2. zero ✓ 3. infinite ✓ 4. minimum Two inductively coupled coils have self-inductance L ₁ =20H and L ₂ =maximum possible mutual inductance between the coils. ✓ 1. 80 H 	Question ID Option 1 ID Option 2 ID Option 3 ID Option 4 ID Status Chosen Option	: 6306801971441 : 6306801971443 : 6306801971444 : 6306801971442 : Answered
s	 ✓ 1. maximum ✓ 2. zero ✓ 3. infinite ✓ 4. minimum Two inductively coupled coils have self-inductance L ₁ =20H and L ₂ = maximum possible mutual inductance between the coils. ✓ 1. 80 H ✓ 2. 40 H 	Question ID Option 1 ID Option 2 ID Option 3 ID Option 4 ID Status Chosen Option	: 6306801971441 : 6306801971443 : 6306801971444 : 6306801971442 : Answered
.97	 ✓ 1. maximum X 2. zero X 3. infinite X 4. minimum Two inductively coupled coils have self-inductance L ₁ =20H and L ₂ =maximum possible mutual inductance between the coils. ✓ 1. 80 H X 2. 40 H X 3. 100 H 	Question ID Option 1 ID Option 2 ID Option 3 ID Option 4 ID Status Chosen Option	: 6306801971441 : 6306801971443 : 6306801971444 : 6306801971442 : Answered
.97	 ✓ 1. maximum ✓ 2. zero ✓ 3. infinite ✓ 4. minimum Two inductively coupled coils have self-inductance L ₁ =20H and L ₂ = maximum possible mutual inductance between the coils. ✓ 1. 80 H ✓ 2. 40 H 	Question ID Option 1 ID Option 2 ID Option 3 ID Option 4 ID Status Chosen Option	: 6306801971441 : 6306801971443 : 6306801971444 : 6306801971442 : Answered
.97	 ✓ 1. maximum X 2. zero X 3. infinite X 4. minimum Two inductively coupled coils have self-inductance L ₁ =20H and L ₂ =maximum possible mutual inductance between the coils. ✓ 1. 80 H X 2. 40 H X 3. 100 H 	Question ID Option 1 ID Option 2 ID Option 3 ID Option 4 ID Status Chosen Option	: 6306801971441 : 6306801971443 : 6306801971444 : 6306801971442 : Answered : 4
s	 ✓ 1. maximum X 2. zero X 3. infinite X 4. minimum Two inductively coupled coils have self-inductance L ₁ =20H and L ₂ =maximum possible mutual inductance between the coils. ✓ 1. 80 H X 2. 40 H X 3. 100 H 	Question ID Option 1 ID Option 2 ID Option 3 ID Option 4 ID Status Chosen Option	: 6306801971441 : 6306801971443 : 6306801971444 : 6306801971442 : Answered
s	 ✓ 1. maximum X 2. zero X 3. infinite X 4. minimum Two inductively coupled coils have self-inductance L ₁ =20H and L ₂ =maximum possible mutual inductance between the coils. ✓ 1. 80 H X 2. 40 H X 3. 100 H 	Question ID Option 1 ID Option 2 ID Option 3 ID Option 4 ID Status Chosen Option 320H. Find the	: 6306801971441 : 6306801971443 : 6306801971444 : 6306801971442 : Answered : 4
s	 ✓ 1. maximum X 2. zero X 3. infinite X 4. minimum Two inductively coupled coils have self-inductance L ₁ =20H and L ₂ =maximum possible mutual inductance between the coils. ✓ 1. 80 H X 2. 40 H X 3. 100 H 	Question ID Option 1 ID Option 2 ID Option 3 ID Option 4 ID Status Chosen Option 320H. Find the Question ID Option 1 ID Option 2 ID Option 3 ID	: 6306801971441 : 6306801971443 : 6306801971444 : 6306801971442 : Answered : 4
ns.97	 ✓ 1. maximum X 2. zero X 3. infinite X 4. minimum Two inductively coupled coils have self-inductance L ₁ =20H and L ₂ =maximum possible mutual inductance between the coils. ✓ 1. 80 H X 2. 40 H X 3. 100 H 	Question ID Option 2 ID Option 3 ID Option 4 ID Status Chosen Option 320H. Find the Question ID Option 1 ID Option 2 ID Option 3 ID Option 4 ID Option 4 ID	: 6306801971441 : 6306801971443 : 6306801971444 : 6306801971442 : Answered : 4 : 630680504195 : 6306801970343 : 6306801970341 : 6306801970342 : 6306801970344
	 ✓ 1. maximum X 2. zero X 3. infinite X 4. minimum Two inductively coupled coils have self-inductance L ₁ =20H and L ₂ =maximum possible mutual inductance between the coils. ✓ 1. 80 H X 2. 40 H X 3. 100 H 	Question ID Option 2 ID Option 3 ID Option 4 ID Status Chosen Option 320H. Find the Question ID Option 1 ID Option 2 ID Option 3 ID Option 4 ID Option 4 ID	: 6306801971441 : 6306801971443 : 6306801971444 : 6306801971442 : Answered : 4 : 630680504195 : 6306801970343 : 6306801970341 : 6306801970342 : 6306801970344 : Not Answered

Q.98 In a brake test, the DC motor took 20 A from a 200 V supply mains. The brake pulley of radius 10 cm had an effective load of 20 kg and the speed was 10 rps. The value of BHP (in metric) is _ Χ 1. 1.3π Ans Χ 2. 8.8π **3**. 0.5π × 4. 0.2π Question ID: 630680503373 Option 1 ID: 6306801967075 Option 2 ID: 6306801967076 Option 3 ID: 6306801967074 Option 4 ID: 6306801967073 Status: Not Answered Chosen Option: --Q.99 Which of the following is NOT correct with reference to delta-star type distribution transformers application? Ans √ 1. In delta-star type transformer, secondary voltage is in phase with the primary voltages. X 2. In delta-star type transformer, no distortion is produced by third harmonic X 3. In delta-star type transformer, large, unbalanced loads can be handled without any difficulty. 4. In delta-star type transformer, fault protection is one of the primary advantages. Question ID: 630680380949 Option 1 ID: 6306801484783 Option 2 ID: 6306801484786 Option 3 ID: 6306801484785 Option 4 ID: 6306801484784 Status: Not Answered Chosen Option: --Q.100 In magnetism, the measure of the ease with which magnetic flux can pass through a material is called 1. permeance Ans X 2. reluctance **X** 3. MMF X 4. flux density Question ID: 630680504228 Option 1 ID: 6306801970475 Option 2 ID: 6306801970474 Option 3 ID: 6306801970473 Option 4 ID: 6306801970476 Status: Answered Chosen Option: 3