## UPRVUNL

Previous Year Paper TG 2 (Electrician) 15 July 2021 Paper (Shift 2)

	(An Undertaki ROOM NO.1025, 10 <sup>TH</sup> FLOOR, S	T UTPADAN NIGAM LTD. ng of U.P. Government) SHAKTI BHAWAN EXTENSION, LUCKNOW UP1980SGC005065
ubje	ect Technician Grade II (Electriciar	n)
ectio	n : Domain Knowledge	
	State whether the given facts about synchronous motor and inducti false.	ion motor are true or
	I. A synchronous motor can be operated over a wide range of power	r factors.
Ans	II. An induction motor always runs with a leading power factor.	
-	X 2. I. false, II. true	
	X 3. I. true, II. true	
	<ul> <li>4. I. true, II. false</li> </ul>	
	• • • • • • • • • • • • • • • • • • • •	
		Question ID : 54062615934 Status : Answered
		Chosen Option : 4
Q.2	The EMFs of phase 'b' lag behind that of 'a' by 120° and that of 'c' la	ig behind that of 'b' by
Ans	120°. The phase sequence is:	
	× 2. a c b	
	X 3. b a c	
	X 4. cba	
	<b>1</b> 1000	
		Question ID : <b>54062615834</b> Status : <b>Answered</b>
		Chosen Option : 2
).3	निम्न में से कौन-सा लैंप आंतरिक प्रकाश व्यवस्था के लिए मुख्यतः उपयोग नहीं वि	भ्या जाता है?
Ans	X 1. तापदीप्त लैंप (Incandescent lamp)	
	2. पलोरोसेंट लैंप (Fluorescent lamp)	
	🗸 3. निम्न दाब वाले हाइड्रोजन लैंप (Low pressure hydrogen lamp)	
	🗙 4. मेटल हैलाइड लैंप (Metal halide lamp)	
		Question ID : 54062615943 Status : Answered
		Chosen Option : 4

•	Which of the following categories of instruments indicates the magnitu quantity at the time when it is being measured?	de of an electrical
ns	🖌 1. Indicating	
	🗙 2. Static	
	🗙 3. Recording	
	🗙 4. Integrating	
		Question ID : 54062615877 Status : Answered
		Chosen Option : 1
Q.5	In oil circuit breakers, the heat of the arc evaporates the surrounding of into a substantial volume of gases at high pressure. Which of the follow	
	produced?	
Ans	X 1. Ethylene	
	✔ 2. Carbon dioxide	
	🗙 3. Methane	
	🗙 4. Hydrogen	
		Question ID : 54062615896
		Status : Answered
Q.6	In which of the following categories of instruments, the signals vary in	Chosen Option : 1
	In which of the following categories of instruments, the signals vary in take on a finite number of different values? 1. Digital instruments 2. Dynamic instruments 3. Static instruments 4. Analog instruments	Chosen Option : 1
	<ul> <li>take on a finite number of different values?</li> <li>1. Digital instruments</li> <li>2. Dynamic instruments</li> <li>3. Static instruments</li> </ul>	Chosen Option : 1
	<ul> <li>take on a finite number of different values?</li> <li>1. Digital instruments</li> <li>2. Dynamic instruments</li> <li>3. Static instruments</li> </ul>	Chosen Option : 1 discrete steps and
	<ul> <li>take on a finite number of different values?</li> <li>1. Digital instruments</li> <li>2. Dynamic instruments</li> <li>3. Static instruments</li> </ul>	Chosen Option : 1 discrete steps and Question ID : 54062615875
Ans	<ul> <li>take on a finite number of different values?</li> <li>1. Digital instruments</li> <li>2. Dynamic instruments</li> <li>3. Static instruments</li> </ul>	Chosen Option : 1 discrete steps and Question ID : 54062615875 Status : Answered Chosen Option : 4 it is changed by
Ans Q.7	<ul> <li>take on a finite number of different values?</li> <li>1. Digital instruments</li> <li>2. Dynamic instruments</li> <li>3. Static instruments</li> <li>4. Analog instruments</li> </ul>	Chosen Option : 1 discrete steps and Question ID : 54062615875 Status : Answered Chosen Option : 4 it is changed by
Ans Q.7	<ul> <li>take on a finite number of different values?</li> <li>1. Digital instruments</li> <li>2. Dynamic instruments</li> <li>3. Static instruments</li> <li>4. Analog instruments</li> </ul>	Chosen Option : 1 discrete steps and Question ID : 54062615875 Status : Answered Chosen Option : 4 it is changed by
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Ans Q.7	<ul> <li>take on a finite number of different values?</li> <li>1. Digital instruments</li> <li>2. Dynamic instruments</li> <li>3. Static instruments</li> <li>4. Analog instruments</li> <li>4. Analog instruments</li> </ul> If the conductors or the coil remains stationary and the flux linked with simply increasing or decreasing the current producing this flux, then the 1. statically induced EMF <ul> <li>2. operating principle of AC servo motor</li> <li>3. dynamically induced EMF</li> </ul>	Chosen Option : 1 discrete steps and Question ID : 54062615875 Status : Answered Chosen Option : 4 it is changed by
Ans Q.7	<ul> <li>take on a finite number of different values?</li> <li>1. Digital instruments</li> <li>2. Dynamic instruments</li> <li>3. Static instruments</li> <li>4. Analog instruments</li> <li>4. Analog instruments</li> </ul> If the conductors or the coil remains stationary and the flux linked with simply increasing or decreasing the current producing this flux, then the 1. statically induced EMF 2. operating principle of AC servo motor	Chosen Option : 1 discrete steps and Question ID : 54062615875 Status : Answered Chosen Option : 4 it is changed by
Ans Q.7	<ul> <li>take on a finite number of different values?</li> <li>1. Digital instruments</li> <li>2. Dynamic instruments</li> <li>3. Static instruments</li> <li>4. Analog instruments</li> <li>4. Analog instruments</li> </ul> If the conductors or the coil remains stationary and the flux linked with simply increasing or decreasing the current producing this flux, then the 1. statically induced EMF <ul> <li>2. operating principle of AC servo motor</li> <li>3. dynamically induced EMF</li> </ul>	Chosen Option : 1 discrete steps and Question ID : 54062615875 Status : Answered Chosen Option : 4 it is changed by
Ans	<ul> <li>take on a finite number of different values?</li> <li>1. Digital instruments</li> <li>2. Dynamic instruments</li> <li>3. Static instruments</li> <li>4. Analog instruments</li> <li>4. Analog instruments</li> </ul> If the conductors or the coil remains stationary and the flux linked with simply increasing or decreasing the current producing this flux, then the 1. statically induced EMF <ul> <li>2. operating principle of AC servo motor</li> <li>3. dynamically induced EMF</li> </ul>	Chosen Option : 1 discrete steps and Question ID : 54062615875 Status : Answered Chosen Option : 4 it is changed by is is the case of:

Q.8	The conductors of an underground cable system are separated by a diel much higher than that of air.	ectric of
Ans	✔ 1. permittivity	
	🗙 2. electrostatic current	
	🗙 3. resistivity	
	X 4. conductivity	
		Question ID : 54062615925 Status : Answered
		Chosen Option : 1
Q.9	One important requirement of a distribution system is that at con should be as low as possible.	sumers terminal
Ans	🗙 1. resistance variations	
	2. voltage variations	
	🗙 3. cost variations	
	X 4. connectivity variations	
		Question ID : 54062615886 Status : Answered
		Chosen Option : 2
Q.10 Ans	In a three-phase star-connected system, the voltage induced in each wi	nding is called:
	<ul> <li>1. residual voltage</li> <li>2. sectori dua la sectori</li> </ul>	
	2. potential voltage	
	X 3. line voltage	
	4. phase voltage	
		Question ID : 54062615838
		Status : Answered
		Chosen Option : 3
Q.11	The rating of a transformer is always expressed in:	
Ans	🗙 1. V/Ah	
	✔ 2. kVA	
	<ul> <li>2. kVA</li> <li>3. kVAR</li> </ul>	
	🗙 4. Wh	
		Question ID : <b>54062615865</b> Status : <b>Answered</b>
		Chosen Option : 2

12	Which atotement is correct according to Earodoy's first low of cleatroms	
	Which statement is correct according to Faraday's first law of electroma	
Ans	1. whenever the magnetic flux is linked with circuit changes, an EN in it	IF is always induced
	$\mathbf{X}$ 2. whenever the electric field is linked with change in circuit, an EN	IE is always induced
	in it	
	imes 3. whenever the magnetic flux is linked with circuit changes, susce	eptibility changes
	proportionally	
	4. whenever the magnetic flux is linked with circuit changes, a cur	rent is always
	induced in it	
		Question ID : 54062615818
		Status : Answered
		Chosen Option : 1
Q.13	Which of the following is NOT an example of alkaline batteries?	
Ans	🗙 1. Silver-zinc battery	
	🗙 2. Nickel-cadmium battery	
	X 3. Nickel-iron battery	
	4. Lead-acid battery	
	•	
		Question ID : <b>54062615809</b>
		Status : Answered
		Chosen Ontion · 4
	Which of the following is NOT a desired property of insulating materials underground cables?	Chosen Option : 4 used for
	<ul> <li>Which of the following is NOT a desired property of insulating materials underground cables?</li> <li>1. Low dielectric strength</li> <li>2. High insulation resistance</li> <li>3. High dielectric strength</li> <li>4. High mechanical strength</li> </ul>	
Q.14 Ans	<ul> <li>underground cables?</li> <li>✓ 1. Low dielectric strength</li> <li>✓ 2. High insulation resistance</li> <li>✓ 3. High dielectric strength</li> </ul>	used for Question ID : 54062615916 Status : Answered
	<ul> <li>underground cables?</li> <li>✓ 1. Low dielectric strength</li> <li>✓ 2. High insulation resistance</li> <li>✓ 3. High dielectric strength</li> </ul>	used for Question ID : 54062615916
Ans	<ul> <li>underground cables?</li> <li>✓ 1. Low dielectric strength</li> <li>✓ 2. High insulation resistance</li> <li>✓ 3. High dielectric strength</li> </ul>	used for Question ID : 54062615916 Status : Answered
Ans Q.15	<ul> <li>underground cables?</li> <li>1. Low dielectric strength</li> <li>2. High insulation resistance</li> <li>3. High dielectric strength</li> <li>4. High mechanical strength</li> </ul>	used for Question ID : 54062615916 Status : Answered
Ans	<ul> <li>underground cables?</li> <li>1. Low dielectric strength</li> <li>2. High insulation resistance</li> <li>3. High dielectric strength</li> <li>4. High mechanical strength</li> </ul> Tungsten is used to make filaments because: <ul> <li>1. it has a very high melting point</li> </ul>	used for Question ID : 54062615916 Status : Answered
Ans Q.15	<ul> <li>underground cables?</li> <li>1. Low dielectric strength</li> <li>2. High insulation resistance</li> <li>3. High dielectric strength</li> <li>4. High mechanical strength</li> <li>4. High mechanical strength</li> </ul> Tungsten is used to make filaments because: <ul> <li>1. it has a very high melting point</li> <li>2. it is ductile in nature</li> </ul>	used for Question ID : 54062615916 Status : Answered
Ans Q.15	<ul> <li>underground cables?</li> <li>1. Low dielectric strength</li> <li>2. High insulation resistance</li> <li>3. High dielectric strength</li> <li>4. High mechanical strength</li> <li>4. High mechanical strength</li> </ul>	used for Question ID : 54062615916 Status : Answered
Ans Q.15	<ul> <li>underground cables?</li> <li>1. Low dielectric strength</li> <li>2. High insulation resistance</li> <li>3. High dielectric strength</li> <li>4. High mechanical strength</li> <li>4. High mechanical strength</li> </ul> Tungsten is used to make filaments because: <ul> <li>1. it has a very high melting point</li> <li>2. it is ductile in nature</li> </ul>	used for Question ID : 54062615916 Status : Answered
Ans	<ul> <li>underground cables?</li> <li>1. Low dielectric strength</li> <li>2. High insulation resistance</li> <li>3. High dielectric strength</li> <li>4. High mechanical strength</li> <li>4. High mechanical strength</li> </ul>	used for Question ID : 54062615916 Status : Answered
Ans Q.15	<ul> <li>underground cables?</li> <li>1. Low dielectric strength</li> <li>2. High insulation resistance</li> <li>3. High dielectric strength</li> <li>4. High mechanical strength</li> <li>4. High mechanical strength</li> </ul>	used for Question ID : 54062615916 Status : Answered Chosen Option : 1

	Electric circuit : EMF :: Magnetic circuit : ?	
Ans	1. Magnetic flux	
	2. Magnetomotive force	
	X 3. Electrostatic force	
	🗙 4. Reluctance	
		Question ID : 54062615814 Status : Answered
		Chosen Option : 2
	The filament of a 240 V metal-filament lamp is to be constructed diameter of 0.02 mm. Find the resistance if the lamp is to dissipat temperature of 2420°C.	
Ans	🗙 1. 480 Ω	
	🗙 2. 96 Ω	
	Χ 3. 48 Ω	
	🗸 4. 960 Ω	
	•	
		Question ID : 54062615796
		Status : <b>Answered</b>
	The process of achieving uniformity in the dielectric stress by usi dielectrics is known as:	Chosen Option : 4
	dielectrics is known as:	Chosen Option : 4
	dielectrics is known as: 1. inter-sheath grading 2. capacitance grading 3. inductance grading	Chosen Option : 4
	dielectrics is known as: 1. inter-sheath grading 2. capacitance grading 3. inductance grading	Chosen Option : 4 ng layers of different Question ID : 54062615923
	dielectrics is known as: 1. inter-sheath grading 2. capacitance grading 3. inductance grading	Chosen Option : 4 ng layers of different Question ID : 54062615923 Status : Answered
	dielectrics is known as: 1. inter-sheath grading 2. capacitance grading 3. inductance grading	Chosen Option : 4 ng layers of different Question ID : 54062615923
Ans Q.19	<ul> <li>dielectrics is known as:</li> <li>1. inter-sheath grading</li> <li>2. capacitance grading</li> <li>3. inductance grading</li> <li>4. resistance grading</li> <li>Which of the following is NOT a laying in structure in the draw-in-</li> </ul>	Chosen Option : 4 ng layers of different Question ID : 54062615923 Status : Answered Chosen Option : 1
Ans Q.19	<ul> <li>dielectrics is known as:</li> <li>1. inter-sheath grading</li> <li>2. capacitance grading</li> <li>3. inductance grading</li> <li>4. resistance grading</li> </ul>	Chosen Option : 4 ng layers of different Question ID : 54062615923 Status : Answered Chosen Option : 1
Ans Q.19	<ul> <li>dielectrics is known as:</li> <li>1. inter-sheath grading</li> <li>2. capacitance grading</li> <li>3. inductance grading</li> <li>4. resistance grading</li> <li>4. resistance grading</li> </ul>	Chosen Option : 4 ng layers of different Question ID : 54062615923 Status : Answered Chosen Option : 1
Ans Q.19	<ul> <li>dielectrics is known as:</li> <li>1. inter-sheath grading</li> <li>2. capacitance grading</li> <li>3. inductance grading</li> <li>4. resistance grading</li> <li>4. resistance grading</li> </ul> Which of the following is NOT a laying in structure in the draw-in-underground cables? <ul> <li>1. Duct of stone or cast iron</li> <li>2. Duct of aluminium</li> </ul>	Chosen Option : 4 ng layers of different Question ID : 54062615923 Status : Answered Chosen Option : 1
Ans Q.19	<ul> <li>dielectrics is known as:</li> <li>1. inter-sheath grading</li> <li>2. capacitance grading</li> <li>3. inductance grading</li> <li>4. resistance grading</li> <li>4. resistance grading</li> <li>1. Duct of the following is NOT a laying in structure in the draw-in-underground cables?</li> <li>1. Duct of stone or cast iron</li> <li>2. Duct of aluminium</li> <li>3. Conduit</li> </ul>	Chosen Option : 4 ng layers of different Question ID : 54062615923 Status : Answered Chosen Option : 1
Ans Q.19	<ul> <li>dielectrics is known as:</li> <li>1. inter-sheath grading</li> <li>2. capacitance grading</li> <li>3. inductance grading</li> <li>4. resistance grading</li> <li>4. resistance grading</li> </ul> Which of the following is NOT a laying in structure in the draw-in-underground cables? <ul> <li>1. Duct of stone or cast iron</li> <li>2. Duct of aluminium</li> </ul>	Chosen Option : 4 ng layers of different Question ID : 54062615923 Status : Answered Chosen Option : 1
Ans Q.19	<ul> <li>dielectrics is known as:</li> <li>1. inter-sheath grading</li> <li>2. capacitance grading</li> <li>3. inductance grading</li> <li>4. resistance grading</li> <li>4. resistance grading</li> <li>1. Duct of the following is NOT a laying in structure in the draw-in-underground cables?</li> <li>1. Duct of stone or cast iron</li> <li>2. Duct of aluminium</li> <li>3. Conduit</li> </ul>	Chosen Option : 4 ng layers of different Question ID : 54062615923 Status : Answered Chosen Option : 1 laying system for
Ans Q.19	<ul> <li>dielectrics is known as:</li> <li>1. inter-sheath grading</li> <li>2. capacitance grading</li> <li>3. inductance grading</li> <li>4. resistance grading</li> <li>4. resistance grading</li> <li>1. Duct of the following is NOT a laying in structure in the draw-in-underground cables?</li> <li>1. Duct of stone or cast iron</li> <li>2. Duct of aluminium</li> <li>3. Conduit</li> </ul>	Chosen Option : 4 ng layers of different Question ID : 54062615923 Status : Answered Chosen Option : 1

Q.20	A transformer is a device that:	
Ans	X 1. transfers electric power from one current level to another without	It a change of
	frequency	
	2. transfers magnetic energy from one circuit to another without a frequency	change of
	$\checkmark$ 3. transfers electric power from one circuit to another without a ch	ange of frequency
	4. transfers mechanical power from one circuit to another without frequency	a change of
		Question ID : 54062615858
		Status : Answered
		Chosen Option : 3
Q.21	As far as distribution systems are concerned, if the declared voltage is 2 highest voltage of the consumer should NOT exceedwhile the low consumer should NOT be less than	230 V, then the rest voltage of the
Ans	🗙 1. 258 V; 202 V	
	🗙 2. 235 V; 225 V	
	🗙 3. 272 V; 200 V	
	✓ 4. 253 V; 207 V	
		Question ID : <b>54062615884</b>
		Status : <b>Answered</b> Chosen Option : <b>2</b>
Q.22	In case of underground cables, the screened cables are used for voltage	s:
Ans	🗙 1. below 66 kV	
	🗙 2. beyond 66 kV	
	✔ 3. from 22 kV to 66 kV	
	X 4. up to 11 kV	
		Question ID : 54062615919
		Status : Answered
		Chosen Option : 1
Q.23	से अधिक वोल्टेज के लिए, स्विचगियर उपस्कर को बाहर लगाया जाता है।	
Ans	1. 33 kV	
	X 2. 11 kV	
	<ul> <li>✓ 3. 66 kV</li> <li>X 4. 44 kV</li> </ul>	
	∧ 4. 44 KV	
		Question ID : 54062615904
		Status : Answered
		Chosen Option : 2

Q.24	, the phase sequence at the load can be reversed though sequence remains the same.	e of 3-phase supply
Ans	1. By interchanging any two of the three cables	
	🗙 2. By interacting any two of the three cables	
	🗙 3. By interchanging load	
	🗙 4. By interchanging all three cables	
		Question ID : 54062615835
		Status : Answered
		Chosen Option : 1
Q.25	In case of a three-phase system, although the distribution of currents be lines is continuously changing, yet at any instant the algebraic sum of th values of the three currents is:	
Ans	🗙 1. infinite	
	🗸 2. zero	
	🗙 3. I <sub>m</sub>	
	X 4. one	
		Ouestion ID : 54062615837
		Status : Answered
		Chosen Option : 2
Q.26	Which law states that the illumination of a surface receiving its flux from inversely proportional to the square of the distance between the surface	
Ans	✔ 1. Inverse square law	
	🗙 2. Lambert's sine law	
	🗙 3. Lambert's cosine law	
	🗙 4. Inverse cosine law	
		Question ID : 54062615937
		Status : Answered
		Chosen Option : 1
Q.27	The essential components of a UPS system include:	
Ans	🗙 1. a rectifier and thyristor-controlled battery charger	
	🗙 2. an inverter	
	3. All of the given options	
	🗙 4. a standby battery	
		Question ID : 54062615798
		Status : Answered
		Chosen Option : 3
Q.28	The overhead line conductors are supported on the poles. These line co	nductors must be
Ans	properly from supports.	
113	1. separated	
	2. insulated	
	X 3. earthed	
	X 4. grounded	
		Question ID : 54062615891
		Status : <b>Answered</b> Chosen Option : <b>2</b>

	A is a static piece of apparatus by means of which transformed into electric power of the same frequency in	another circuit.
Ans	<ul> <li>1. transformer</li> </ul>	
	X 2. converter	
	🗙 3. chopper	
	X 4. rectifier	
		Question ID : <b>54062615855</b>
		Status : Answered
		Chosen Option : 1
Q.30	The earth's magnetic field at the equator is approximately $4 \times 10^{-1}$ Take the radius of the earth $6.4 \times 10^{6}$ m.	<sup>5</sup> T. Estimate the earth's dipole moment.
Ans	$\times$ <sup>1</sup> 1.05 × 10 <sup>23</sup> A m <sup>2</sup>	
	$\times$ <sup>2.</sup> 1.05 × 10 <sup>20</sup> A m <sup>2</sup>	
	$\checkmark$ 3. 8.92 × 10 <sup>23</sup> A m <sup>2</sup>	
	$\times$ 4. 8.92 × 10 <sup>20</sup> A m <sup>2</sup>	
		Question ID : 54062615869
		Status : Not Answered
		Chosen Option :
Q.31	The time period of a sinusoidal waveform with the freque	ncy of 150 Hz is:
Ans	✔ 1. 0.0067 sec	
	X 2. 6.7 sec	
	🗙 3. 0.067 sec	
	X 4. 0.67 sec	
		Question ID : 54062615842
		Status : Answered
		Chosen Option : 1
	In three-phase star connected system, the voltage availab	le between any pair of terminals
Ans	1. residual voltage	
	🗙 2. phase voltage	
	<ul> <li>2. phase voltage</li> <li>3. potential voltage</li> <li>4. line voltage</li> </ul>	
	X 3. potential voltage	Question ID : 54062615839
	X 3. potential voltage	Question ID : <b>54062615839</b> Status : <b>Answered</b>
	X 3. potential voltage	
	<ul> <li>3. potential voltage</li> <li>4. line voltage</li> </ul> For applications such as electric locomotives and steel ro	Status : <b>Answered</b> Chosen Option : <b>2</b>
	<ul> <li>3. potential voltage</li> <li>4. line voltage</li> </ul> For applications such as electric locomotives and steel roused?	Status : <b>Answered</b> Chosen Option : <b>2</b>
	<ul> <li>3. potential voltage</li> <li>4. line voltage</li> </ul> For applications such as electric locomotives and steel roused? 1. Squirrel cage induction motor	Status : <b>Answered</b> Chosen Option : <b>2</b>
	<ul> <li>S. potential voltage</li> <li>A. line voltage</li> </ul> For applications such as electric locomotives and steel roused? <ul> <li>1. Squirrel cage induction motor</li> <li>2. Slip-ring induction motor</li> </ul>	Status : <b>Answered</b> Chosen Option : <b>2</b>
	<ul> <li>S. potential voltage</li> <li>A. line voltage</li> <li>I. line voltage</li> <li>I. Squirrel cage induction motor</li> <li>Slip-ring induction motor</li> <li>S. DC series motor</li> </ul>	Status : <b>Answered</b> Chosen Option : <b>2</b>
	<ul> <li>S. potential voltage</li> <li>A. line voltage</li> </ul> For applications such as electric locomotives and steel roused? <ul> <li>1. Squirrel cage induction motor</li> <li>2. Slip-ring induction motor</li> </ul>	Status : Answered Chosen Option : 2
	<ul> <li>S. potential voltage</li> <li>A. line voltage</li> <li>I. line voltage</li> <li>I. Squirrel cage induction motor</li> <li>Slip-ring induction motor</li> <li>S. DC series motor</li> </ul>	Status : <b>Answered</b> Chosen Option : <b>2</b>

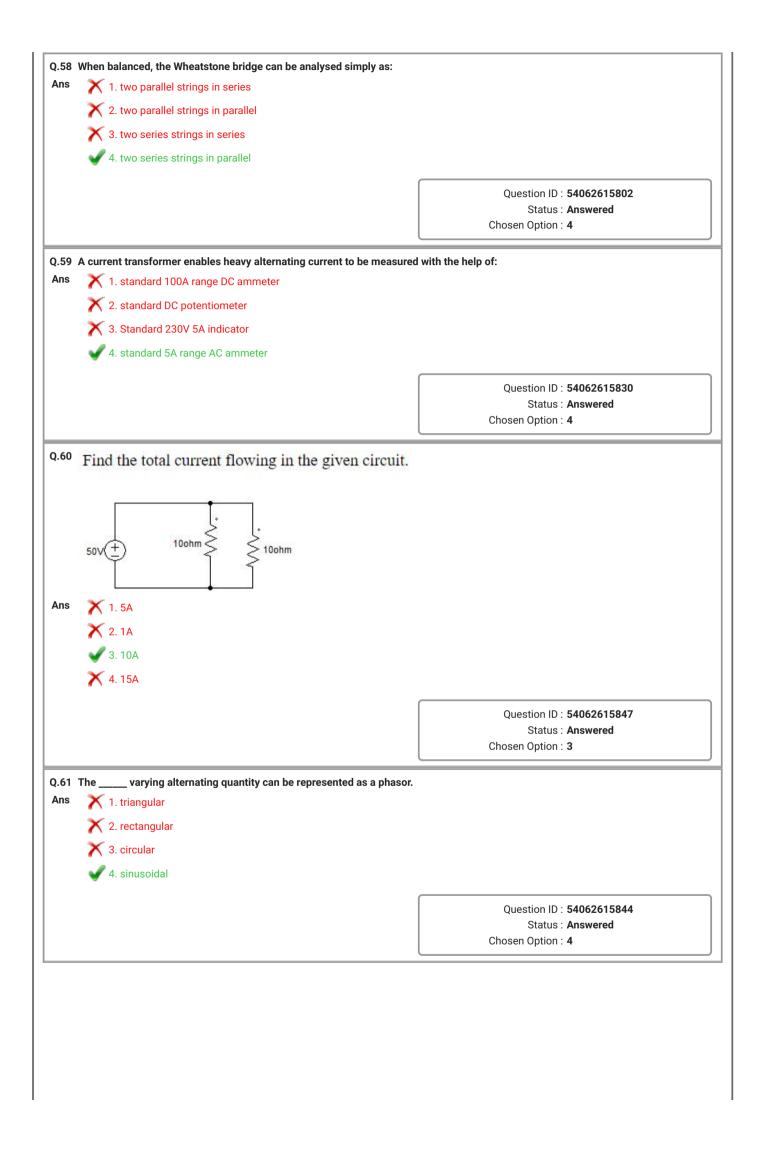
Q.34	In a transformer, if the primary coil has 3 loops and the secondary coil h voltage is:	as 30, then the
Ans	× 1.10V	
	× 2.3 V	
	3. stepped up 10 times	
	4. stepped down 10 times	
		Question ID : 54062615860 Status : Answered
		Chosen Option : 4
0 35	The insulator material in overhead lines should be and free from	mounties and
Q.00	cracks; otherwise the permittivity will be low.	
Ans	V 1. non-porous	
	🗙 2. rigid	
	X 3. porous	
	🗙 4. fragile	
		Question ID : 54062615893
		Status : Answered
		Chosen Option : 2
Q.36	Which of the following categories of instruments have high accuracy an	d high speed of
Ans	operation?	
	X 2. Direct current analog instruments	
	X 3. Analog instruments	
	$\times$ 4. Alternating current analog instrument	
	A 4. Alternating current analog instrument	
		Question ID : 54062615873
		Status : <b>Answered</b> Chosen Option : <b>1</b>
Q.37	Which of the following does NOT indicate the advantage(s) of mechanic for measurements?	al instruments used
Ans	$\chi$ 1. No external power supply required for operation	
	2. Doesn't cause Noise pollution	
	X 3. Simple in design and easy to use	
	X 4. Reliable and accurate for measurement of stable and time-invar	iant quantity
		Question ID : <b>54062615874</b> Status : <b>Answered</b>
		Chosen Option : 2
Q.38	In case of the rheostatic speed control method for DC motor, the series in:	resistor is inserted
Ans	✓ 1. armature winding	
	🗙 2. pole shoes	
	🗙 3. field winding	
	🗙 4. carbon brushes	
		Question ID : 54062615871 Status : Answered
		Chosen Option : 1

Q.39	The temperature at which the vibrations of the molecular magnets be of alignment so as to reduce the magnetic strength to zero is called:	come random and out
Ans	$\chi$ 1. avalanche temperature	
	🖌 2. curie point	
	🗙 3. avalanche breakdown	
	🗙 4. critical breakdown	
		Question ID : 54062615813
		Status : Answered
		Chosen Option : 2
Q.40	The $\mathrm{V}_{RN}$ of the symmetrical star connection system is 230∠30°. The phase seq	uence is RYB. Find V <sub>RY</sub> .
Ans	✓ 1. 398.37∠60°	
	× 2. 230∠ - 90°	
	× 3. 398.37∠ - 30°	
	<b>×</b> 4. 230∠90°	
		Question ID : 54062615850 Status : Answered
		Chosen Option : 4
Q.41	A consists of two inductive coils that are electrically separated,	hut magnetically
Q.41	linked, through a path of low reluctance.	but magnetically
Ans	V 1. transformer	
	X 2. rectifier	
	X 3. half bridge converter	
	🗙 4. chopper	
		Question ID : 54062615857
		Status : Answered
		Chosen Option : 1
Q.42	In case of underground cables, the belted cables are used for voltages	
Ans	X 1. below 66 kV	
	✓ 2. up to 11 kV	
	🗙 3. beyond 66 kV	
	🗙 4. from 22 kV to 66 kV	
		Question ID : 54062615918
		Status : Answered
		Chosen Option : 2
Q.43	सिंगल-टर्न प्राइमरी युक्त एक 1000/5A धारा ट्रांसफार्मर में 200 सेकंडरी टर्न हैं। स्टेप चर्ने	-डाउन करंट अनुपात ज्ञात
Ans	करें। 🗙 1.5:100	
	<ul> <li>✓ 2. 200 : 1</li> </ul>	
	X 3.1:200	
	× 4.100:5	
	<b>* 1</b> 100.0	
		Question ID : 54062615831
		Status : <b>Answered</b> Chosen Option : <b>3</b>

Q.44		
A	The shell type transformer core is made up of:	
Ans	1. high grade silicon steel	
	🗙 2. high grade copper laminations	
	🗙 3. asbestos stampings	
	🗙 4. porcelain sheet impregnated with varnish	
		Question ID : 54062615859 Status : Answered
		Chosen Option : 1
Q.45	The pin-type insulators are used for the transmission and distribution voltages up to	of electrical power at
Ans	🗙 1. 11 kV	
	🗙 2. 66 kV	
	🗙 3. 88 kV	
	✔ 4. 33 kV	
		Question ID : 54062615889
		Status : <b>Answered</b> Chosen Option : <b>1</b>
	Which of the following is the main characteristic of a parallel resistive	circuit?
Ans	leph 1. Same current flows through all parts of the circuit	
	🗙 2. Resistances are additive	
	igma 3. Different resistors have their individual voltage drops	
	✔ 4. Conductances are additive	
		Question ID : 54062615797 Status : Answered
		Chosen Option : 4
Q.47 Ans	Alnico, nickel, cobalt and copper are:	
Allo	X 1. Paramagnetic substances	
	2. Electrostatic substances	
	X 3. Soft ferromagnetic substances	
	✔ 4. Hard ferromagnetic substances	
		Question ID : 54062615930
		Question ID : 54062615930 Status : Answered
Q.48	In the magnetic meridian of a certain place, the horizontal component magnetic field is 0.26G and the dip angle is 60°. What is the magnetic	Status : Answered Chosen Option : 4
	magnetic field is 0.26G and the dip angle is $60^\circ.$ What is the magnetic this location?	Status : Answered Chosen Option : 4
Q.48 Ans	magnetic field is 0.26G and the dip angle is 60°. What is the magnetic this location? 1. 0.60 G	Status : Answered Chosen Option : 4
	magnetic field is 0.26G and the dip angle is 60°. What is the magnetic this location? 1. 0.60 G 2. 1 G	Status : Answered Chosen Option : 4
	magnetic field is 0.26G and the dip angle is 60°. What is the magnetic this location? 1. 0.60 G 2. 1 G 3. 0.26 G	Status : Answered Chosen Option : 4
	magnetic field is 0.26G and the dip angle is 60°. What is the magnetic this location? 1. 0.60 G 2. 1 G	Status : Answered Chosen Option : 4
	magnetic field is 0.26G and the dip angle is 60°. What is the magnetic this location? 1. 0.60 G 2. 1 G 3. 0.26 G	Status : Answered Chosen Option : 4
	magnetic field is 0.26G and the dip angle is 60°. What is the magnetic this location? 1. 0.60 G 2. 1 G 3. 0.26 G	Status : Answered Chosen Option : 4

	In a three phase system:	
Ans	1. the three coils have only one EMF induced in them, which is except that coils are 120° out of time phase with one another	s similar in all respect
	$\mathbf{X}$ 2. the six coils have three EMFs induced in them, which are sin except that they are 60° out of time phase with one another	milar in all respects
	3. the three coils have three EMFs induced in them, which are except that they are 120° out of time phase with one another	similar in all respects
	4. the three coils have three EMFs induced in them, which are except that they are $360^{\circ}$ out of time phase with one another	similar in all respects
		Question ID : 54062615832
		Status : Answered
		Chosen Option : 1
Q.50	In nickel-cadmium batteries, the positive plate consists of which of the fo	llowing reactive materials?
Ans	✓ 1. Ni(OH) <sub>4</sub>	
	<b>×</b> 2. NiOH₄	
	🗙 з. КОН	
	X 4. Cd(OH) <sub>2</sub>	
		Question ID : 54062615810 Status : Answered
	Aluminium, sodium, calcium, oxygen (at STP) and copper chloride a materials.	Status : <b>Answered</b> Chosen Option : <b>3</b>
Q.51 Ans	Aluminium, sodium, calcium, oxygen (at STP) and copper chloride a materials. 1. Paramagnetic 2. Electrostatic 3. Insulating 4. Ferromagnetic	Status : <b>Answered</b> Chosen Option : <b>3</b>
	<ul> <li>materials.</li> <li>1. Paramagnetic</li> <li>2. Electrostatic</li> <li>3. Insulating</li> </ul>	Status : <b>Answered</b> Chosen Option : <b>3</b>
Ans	<ul> <li>materials.</li> <li>1. Paramagnetic</li> <li>2. Electrostatic</li> <li>3. Insulating</li> <li>4. Ferromagnetic</li> </ul>	Status : Answered Chosen Option : 3 are examples of Question ID : 54062615928 Status : Answered Chosen Option : 1
Ans	<ul> <li>materials.</li> <li>1. Paramagnetic</li> <li>2. Electrostatic</li> <li>3. Insulating</li> <li>4. Ferromagnetic</li> </ul>	Status : Answered Chosen Option : 3 are examples of Question ID : 54062615928 Status : Answered Chosen Option : 1
Ans Q.52	<ul> <li>materials.</li> <li>1. Paramagnetic</li> <li>2. Electrostatic</li> <li>3. Insulating</li> <li>4. Ferromagnetic</li> </ul>	Status : Answered Chosen Option : 3 are examples of Question ID : 54062615928 Status : Answered Chosen Option : 1
Ans Q.52	<ul> <li>materials.</li> <li>1. Paramagnetic</li> <li>2. Electrostatic</li> <li>3. Insulating</li> <li>4. Ferromagnetic</li> </ul> An underground cable has one or more depending upon the tit is intended. 1. switches	Status : Answered Chosen Option : 3 are examples of Question ID : 54062615928 Status : Answered Chosen Option : 1
Ans Q.52	<ul> <li>materials.</li> <li>1. Paramagnetic</li> <li>2. Electrostatic</li> <li>3. Insulating</li> <li>4. Ferromagnetic</li> </ul> An underground cable has one or more depending upon the t it is intended. 1. switches <ul> <li>2. Leakages for water to come in</li> </ul>	Status : Answered Chosen Option : 3 are examples of Question ID : 54062615928 Status : Answered Chosen Option : 1
Ans Q.52	<ul> <li>materials.</li> <li>1. Paramagnetic</li> <li>2. Electrostatic</li> <li>3. Insulating</li> <li>4. Ferromagnetic</li> </ul> An underground cable has one or more depending upon the t it is intended. 1. switches <ul> <li>1. switches</li> <li>2. Leakages for water to come in</li> <li>3. cores</li> </ul>	Status : Answered Chosen Option : 3 are examples of Question ID : 54062615928 Status : Answered Chosen Option : 1

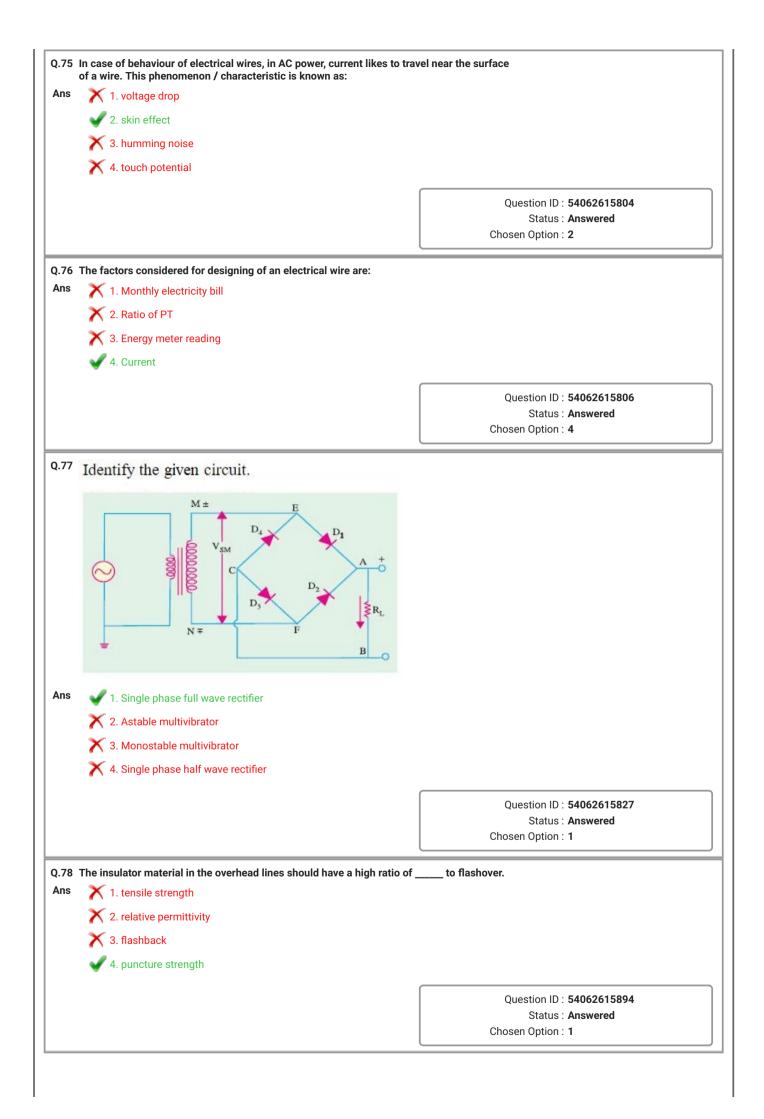
Q.53	The is the commonly used material for insulators of overhead line	e is.
Ans	🗙 1. fibre	
	🗙 2. lead	
	✔ 3. porcelain	
	🗙 4. tungsten	
		Question ID : 54062615890 Status : Answered
		Chosen Option : 3
	The fault that gives rise to fault current with 120° displacement is which types of fault?	i of the following
Ans	🗙 1. Asymmetrical fault	
	X 2. Frequency and speed fault	
	✔ 3. Symmetrical fault	
	🗙 4. Phase fault	
		Question ID : 54062615909 Status : Not Answered
		Chosen Option :
0.55		
	A lamp giving out 1200 lm in all directions is suspended 8 m above the Calculate the illumination at a point on the working plane 6 m away from	
Ans	lamp.	
	$\times$ 1.1.232 lm/m <sup>2</sup>	
	✓ <sup>2.</sup> 0.76 lm/m <sup>2</sup>	
	<b>×</b> <sup>3.</sup> 1.858 lm/m <sup>2</sup>	
	$\times$ 4. 0.5 × 10 <sup>3</sup> lm/m <sup>2</sup>	
		Question ID : 54062615939
		Status : <b>Not Answered</b> Chosen Option :
Q.56	When all the three conductors of a 3-phase line are brought together sin short-circuit condition, it leads to which of the following types of fault?	nultaneously into a
Ans	🗙 1. Phase fault	
	🗹 2. Symmetrical fault	
	imes 3. Frequency and speed fault	
	🗙 4. Asymmetrical fault	
		Question ID : 54062615910 Status : Not Answered
		Chosen Option :
Q.57 Ans	Which of the following does NOT represent connection schemes of a dis 1. Radial system	tribution system?
	2. Ring main system	
	X 3. Interconnected system	
	<ul> <li>4. Star-topology</li> </ul>	
	🖤 4. Star-topology	
		Question ID : 54062615883
		Status : <b>Answered</b> Chosen Option : <b>4</b>

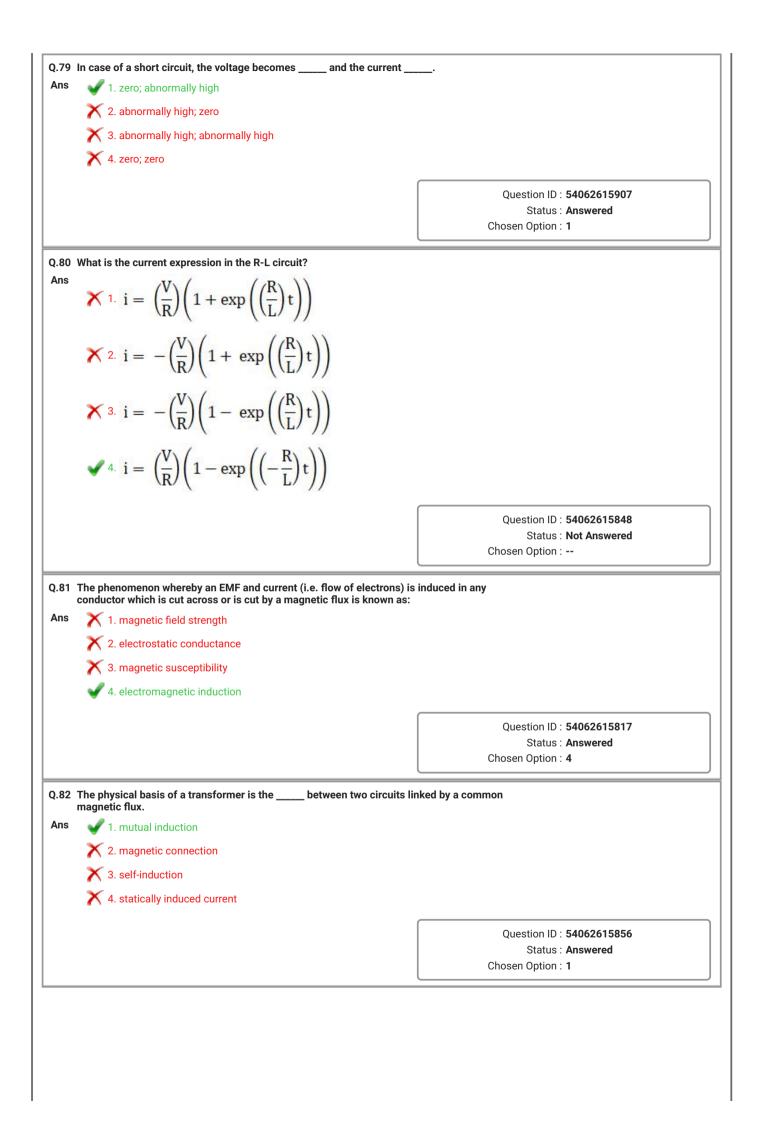


) 62	Which of the following does NOT represent facts about an HRC switch?	
Ans	1. When a fuse blows, it takes some time to replace	
	2. It can successfully interrupt large fault currents	
	X 3. It cannot be used profitably at high voltage	
	• •	
	X 4. It cannot successfully interrupt large fault currents	
		Question ID : 54062615900
		Status : Marked For Review
		Chosen Option : 4
Q.63	The purpose of the open-circuit test of a transformer is:	
Ans	igma 1. to find out maximum heat generated by silicon steel core	
	$\checkmark$ 2. to find out the no-load current and losses of the transformer	
	igma 3. to find out maximum sustainable current level	
	imes 4. to find out maximum sustainable voltage level	
		Ouestion ID : 54062615864
		Status : Answered Chosen Option : 2
0.64	The ratio of losses subtracted from input to the input gives which parag	Status : <b>Answered</b> Chosen Option : <b>2</b>
	The ratio of losses subtracted from input to the input gives which parar transformer?	Status : <b>Answered</b> Chosen Option : <b>2</b>
	transformer? 1. Open circuit voltage	Status : <b>Answered</b> Chosen Option : <b>2</b>
	transformer? 1. Open circuit voltage 2. Voltage regulation	Status : <b>Answered</b> Chosen Option : <b>2</b>
	transformer?         1. Open circuit voltage         2. Voltage regulation         3. Short circuit current	Status : <b>Answered</b> Chosen Option : <b>2</b>
	transformer? 1. Open circuit voltage 2. Voltage regulation	Status : <b>Answered</b> Chosen Option : <b>2</b>
	transformer?         1. Open circuit voltage         2. Voltage regulation         3. Short circuit current	Status : <b>Answered</b> Chosen Option : <b>2</b>
	transformer?         1. Open circuit voltage         2. Voltage regulation         3. Short circuit current	Status : Answered Chosen Option : 2 neter of Question ID : 54062615866 Status : Answered
	transformer?         1. Open circuit voltage         2. Voltage regulation         3. Short circuit current	Status : Answered Chosen Option : 2 neter of Question ID : 54062615866
Ans	transformer?         1. Open circuit voltage         2. Voltage regulation         3. Short circuit current	Status : Answered Chosen Option : 2 neter of Question ID : 54062615866 Status : Answered
Ans Q.65	<ul> <li>transformer?</li> <li>1. Open circuit voltage</li> <li>2. Voltage regulation</li> <li>3. Short circuit current</li> <li>4. Efficiency</li> </ul>	Status : Answered Chosen Option : 2 neter of Question ID : 54062615866 Status : Answered
Ans Q.65	<ul> <li>transformer?</li> <li>1. Open circuit voltage</li> <li>2. Voltage regulation</li> <li>3. Short circuit current</li> <li>4. Efficiency</li> </ul> Select the appropriate option to complete the given analogy.	Status : Answered Chosen Option : 2 neter of Question ID : 54062615866 Status : Answered
Ans Q.65	<ul> <li>transformer?</li> <li>1. Open circuit voltage</li> <li>2. Voltage regulation</li> <li>3. Short circuit current</li> <li>4. Efficiency</li> </ul> Select the appropriate option to complete the given analogy. Electric circuit : Conductance :: Magnetic circuit : ? 1. Inductance	Status : Answered Chosen Option : 2 neter of Question ID : 54062615866 Status : Answered
Ans Q.65	transformer?	Status : Answered Chosen Option : 2 neter of Question ID : 54062615866 Status : Answered
Ans Q.65	transformer? <ul> <li>1. Open circuit voltage</li> <li>2. Voltage regulation</li> <li>3. Short circuit current</li> <li>4. Efficiency</li> </ul> <li>Select the appropriate option to complete the given analogy.</li> <li>Electric circuit : Conductance :: Magnetic circuit : ? <ul> <li>1. Inductance</li> <li>2. Resistance</li> <li>3. Permeance</li> </ul> </li>	Status : Answered Chosen Option : 2 neter of Question ID : 54062615866 Status : Answered
Ans Q.65	transformer?	Status : Answered Chosen Option : 2 neter of Question ID : 54062615866 Status : Answered
Ans Q.65	transformer? <ul> <li>1. Open circuit voltage</li> <li>2. Voltage regulation</li> <li>3. Short circuit current</li> <li>4. Efficiency</li> </ul> <li>Select the appropriate option to complete the given analogy.</li> <li>Electric circuit : Conductance :: Magnetic circuit : ? <ul> <li>1. Inductance</li> <li>2. Resistance</li> <li>3. Permeance</li> </ul> </li>	Status : Answered Chosen Option : 2 neter of Question ID : 54062615866 Status : Answered Chosen Option : 2
Ans Q.65	transformer? <ul> <li>1. Open circuit voltage</li> <li>2. Voltage regulation</li> <li>3. Short circuit current</li> <li>4. Efficiency</li> </ul> <li>Select the appropriate option to complete the given analogy.</li> <li>Electric circuit : Conductance :: Magnetic circuit : ? <ul> <li>1. Inductance</li> <li>2. Resistance</li> <li>3. Permeance</li> </ul> </li>	Status : Answered Chosen Option : 2 neter of Question ID : 54062615866 Status : Answered Chosen Option : 2

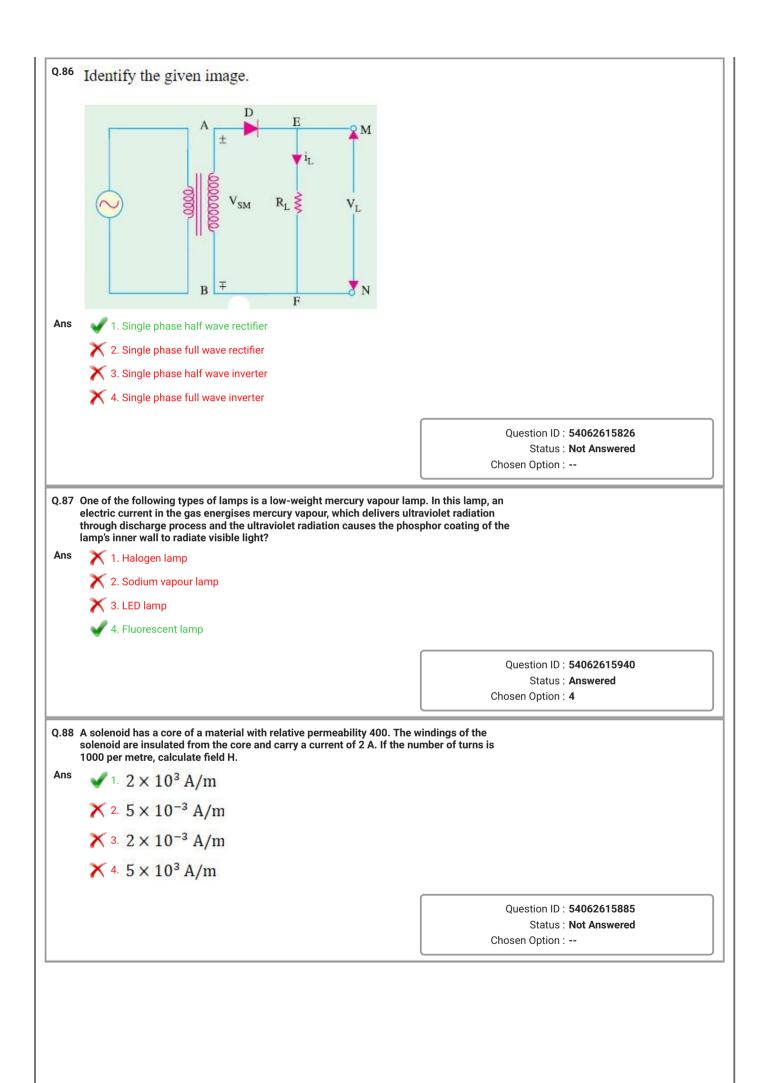
Q.66 T		
	What is the relationship between $V_{\rm YB}$ and $V_{\rm YN}$ in the star contains the star $contains the star and the star contains the star and t$	nnection system?
Ans	$\checkmark$ 1. $V_{YB} = V_{YN}$	
	$\times$ 2. $V_{YB} = \sqrt{3}V_{YN}$	
	$\mathbf{X}$ 3. $V_{YB} = \left(\frac{1}{\sqrt{3}}\right) V_{YN}$	
	$\times$ 4. $V_{YB} = 3 V_{YN}$	
		Question ID : 54062615851 Not Attempted and
		Status : Not Attempted and Marked For Review Chosen Option :
Q.67 A w	nmeters, voltmeters, wattmeters, frequency meters, power factor met hich of the following categories of instruments?	ers, etc., fall into
Ans	X 1. Recording	
	X 2. Static	
	X 3. Integrating	
	4. Indicating	
		Question ID : 54062615878
		Status : <b>Answered</b> Chosen Option : <b>4</b>
	v permanent magnet moving coil ammeter is the examples of which cat istruments?	egory of
Ans	X 1. Recording instruments	
	X 2. Digital instruments	
	X 3. Static instruments	
	4. Analog instruments	
		Question ID : 54062615876
		Status : <b>Answered</b> Chosen Option : <b>4</b>
	Vith reference tothe construction of an underground cable, which of the equences is correct?	following
Ans	🗙 1. Core, Insulation, Armoring , Metallic Sheath, Bedding, Serving	
	X 2. Core, Insulation, Metallic Sheath, Serving, Bedding	
	3. Core, Metallic Sheath, Bedding, Insulation, Armoring, Serving	
	4. Core, Insulation, Metallic Sheath, Bedding, Armoring, Serving	
		Question ID : 54062615915
		Status : <b>Answered</b> Chosen Option : <b>4</b>

Q.70	Which of the following in switchgear equipment does NOT represen	t types of switches?
Ans	🗙 1. Oil switches	
	X 2. Isolator or disconnecting switches	
	✔ 3. Metal-conductor switches	
	🗙 4. Air-break switches	
		Question ID : 54062615902 Status : Answered
		Chosen Option : 3
0 71		
Q.71	The temperature at which ferromagnetic material change their state material is called	to paramagnetic
Ans	✔ 1. Curie temperature	
	🗙 2. Critical temperature	
	🗙 3. Q-point	
	🗙 4. Avalanche breakdown temperature	
		Question ID : <b>54062615936</b> Status : <b>Answered</b>
		Chosen Option : 1
Q.72	The core of a three-phase, 50 Hz, 11000/550 V delta/star, 300 kVA, operates with a flux of 0.05 Wb. Find the EMF per turn.	core-type transformer
Ans	🗙 1. 14 V	
	🗙 2. 17.26 V	
	✔ 3. 11.1 V	
	🗙 4. 18.24 V	
		Question ID : 54062615863 Status : Not Answered
		Chosen Option :
0 72	Silicon increases the electrical of iron by a factor of about 5	
Ans	Sincon increases the electrical of non by a factor of about s 1. conductance	
	2. resistance	
	X 3. field strength	
	X 4. field intensity	
		Question ID : 54062615801
		Status : Answered
Q.74	The difference between the of two alternating quantities is ca	Status : Answered Chosen Option : 1
	The difference between the of two alternating quantities is ca difference.	Status : <b>Answered</b> Chosen Option : <b>1</b>
Q.74 Ans	The difference between the of two alternating quantities is ca difference. 1. lengths	Status : <b>Answered</b> Chosen Option : <b>1</b>
	The difference between the of two alternating quantities is ca difference. 1. lengths 2. time	Status : <b>Answered</b> Chosen Option : <b>1</b>
	The difference between the of two alternating quantities is ca difference. 1. lengths 2. time 3. frequency	Status : <b>Answered</b> Chosen Option : <b>1</b>
	The difference between the of two alternating quantities is ca difference. 1. lengths 2. time	Status : <b>Answered</b> Chosen Option : <b>1</b>
	The difference between the of two alternating quantities is ca difference. 1. lengths 2. time 3. frequency	Status : <b>Answered</b> Chosen Option : <b>1</b>
	The difference between the of two alternating quantities is ca difference. 1. lengths 2. time 3. frequency	Status : Answered Chosen Option : 1





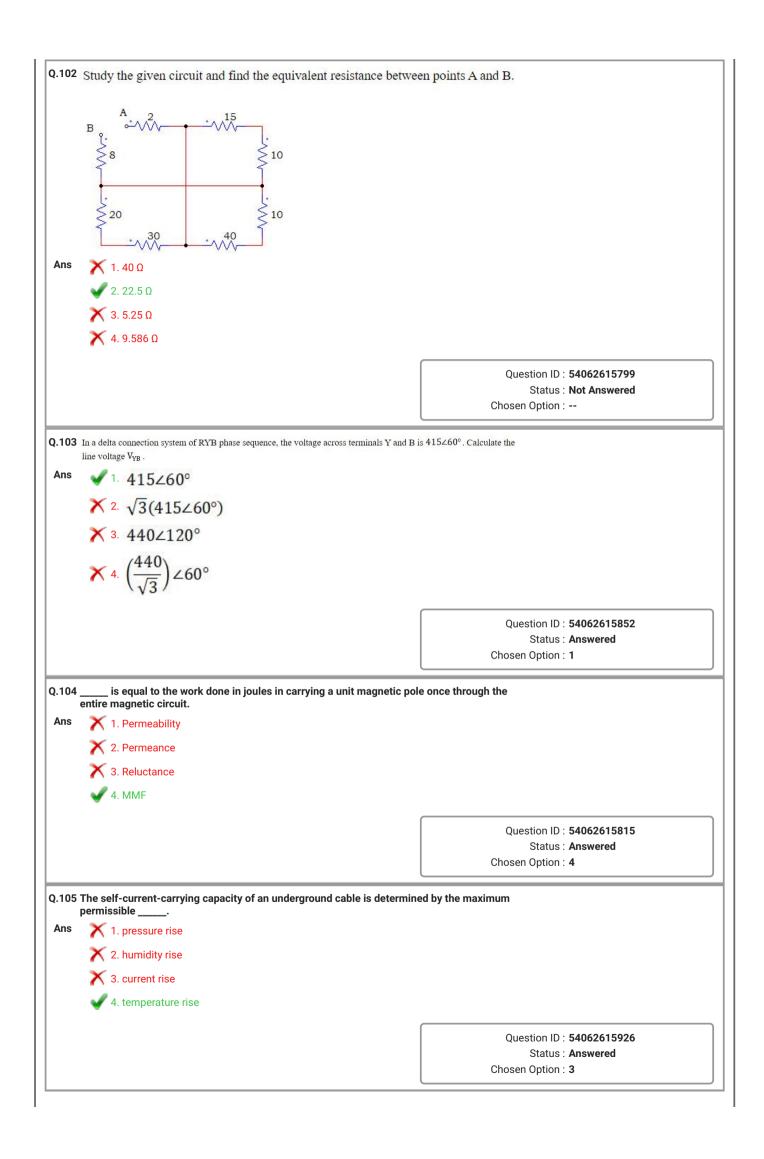
<ul> <li>Q.83 What is the current in the R-L circuit at time t = 0?</li> <li>Ans <ul> <li>↑ 1. V/R</li> <li>↑ 2. V/L</li> <li>↑ 3. 1 A</li> <li>↑ 4. 0A</li> </ul> </li> <li>Question ID : 54062615849 Status : Answered Chosen Option : 4</li> </ul> <li>Q.84 Which of the following motors is preferred to drive the rotary compressor? <ul> <li>Ans</li> <li>↑ 1. Three-phase induction motor</li> <li>↓ 2. Universal motor</li> <li>↓ 3. Synchronous motor</li> <li>↓ 4. DC series motor Synchronous motor</li> <li>Question ID : 54062615870 Status : Answered Chosen Option : 2</li> </ul> </li> <li>Question ID : 54062615870 Status : Answered Chosen Option : 2</li>	us : <b>Answered</b> on : <b>4</b> ID : <b>54062615870</b> us : <b>Answered</b> on : <b>2</b> ID : <b>54062615833</b> us : <b>Answered</b>
<ul> <li>N 1. V/R</li> <li>X 2. V/L</li> <li>X 3. 1A</li> <li>X 4. 0A</li> <li>Question ID: 54062615849 Status: Answered Chosen Option: 4</li> </ul> Q.84 Which of the following motors is preferred to drive the rotary compressor? Ans X 1. Three-phase induction motor <ul> <li>X 2. Universal motor</li> <li>X 3. Synchronous motor</li> <li>X 4. DC series motor Synchronous motor</li> </ul> Q.85 The order in which the three phases attain their peak or maximum values is known as: Ans X 1. phase difference <ul> <li>X 2. phase sequence</li> <li>X 3. phase distraction</li> </ul>	US : <b>Answered</b> Dn : <b>4</b> ID : <b>54062615870</b> US : <b>Answered</b> Dn : <b>2</b> ID : <b>54062615833</b> US : <b>Answered</b>
<ul> <li>X 2. V/L</li> <li>X 3. 1 A</li> <li>✓ 4. 0A</li> <li>Question ID: 54062615849 Status: Answered Chosen Option: 4</li> <li>A4 Which of the following motors is preferred to drive the rotary compressor?</li> <li>Ans ✓ 1. Three-phase induction motor</li> <li>✓ 2. Universal motor</li> <li>✓ 3. Synchronous motor</li> <li>✓ 4. DC series motor Synchronous motor</li> <li>Question ID: 54062615870 Status: Answered Chosen Option: 2</li> <li>Applied The order in which the three phases attain their peak or maximum values is known as:</li> <li>Ans ✓ 1. phase difference</li> <li>✓ 2. phase sequence</li> <li>✓ 3. sphase distraction</li> </ul>	US : Answered Dn : 4 ID : 54062615870 US : Answered Dn : 2 ID : 54062615833 US : Answered
<ul> <li>X 2. V/L</li> <li>X 3. 1 A</li> <li>✓ 4. 0A</li> <li>Question ID: 54062615849 Status: Answered Chosen Option: 4</li> <li>A4 Which of the following motors is preferred to drive the rotary compressor?</li> <li>Ans ✓ 1. Three-phase induction motor</li> <li>✓ 2. Universal motor</li> <li>✓ 3. Synchronous motor</li> <li>✓ 4. DC series motor Synchronous motor</li> <li>Question ID: 54062615870 Status: Answered Chosen Option: 2</li> <li>Applied The order in which the three phases attain their peak or maximum values is known as:</li> <li>Ans ✓ 1. phase difference</li> <li>✓ 2. phase sequence</li> <li>✓ 3. sphase distraction</li> </ul>	US : Answered Dn : 4 ID : 54062615870 US : Answered Dn : 2 ID : 54062615833 US : Answered
<ul> <li>X 3. 1A</li> <li>✓ 4. 0A</li> <li>Question ID : 54062615849 Status : Answered Chosen Option : 4</li> <li>Q.84 Which of the following motors is preferred to drive the rotary compressor?</li> <li>Ans X 1. Three-phase induction motor</li> <li>✓ 2. Universal motor</li> <li>✓ 3. Synchronous motor</li> <li>✓ 4. DC series motor Synchronous motor</li> <li>Question ID : 54062615870 Status : Answered Chosen Option : 2</li> </ul>	US : Answered Dn : 4 D : 54062615870 US : Answered Dn : 2 D : 54062615833 US : Answered
<ul> <li>X 3. 1A</li> <li>✓ 4. 0A</li> <li>Question ID : 54062615849 Status : Answered Chosen Option : 4</li> <li>Q.84 Which of the following motors is preferred to drive the rotary compressor?</li> <li>Ans X 1. Three-phase induction motor</li> <li>✓ 2. Universal motor</li> <li>✓ 3. Synchronous motor</li> <li>✓ 4. DC series motor Synchronous motor</li> <li>Question ID : 54062615870 Status : Answered Chosen Option : 2</li> </ul>	US : Answered Dn : 4 D : 54062615870 US : Answered Dn : 2 D : 54062615833 US : Answered
<ul> <li>X 3. 1A</li> <li>✓ 4. 0A</li> <li>Question ID : 54062615849 Status : Answered Chosen Option : 4</li> <li>Q.84 Which of the following motors is preferred to drive the rotary compressor?</li> <li>Ans X 1. Three-phase induction motor</li> <li>✓ 2. Universal motor</li> <li>✓ 3. Synchronous motor</li> <li>✓ 4. DC series motor Synchronous motor</li> <li>Question ID : 54062615870 Status : Answered Chosen Option : 2</li> </ul>	US : Answered Dn : 4 ID : 54062615870 US : Answered Dn : 2 ID : 54062615833 US : Answered
✓ 4. 0A         Question ID: 54062615849 Status: Answered Chosen Option: 4         Q.84 Which of the following motors is preferred to drive the rotary compressor?         Ans       ✓ 1. Three-phase induction motor         ✓ 2. Universal motor         ✓ 3. Synchronous motor         ✓ 4. DC series motor Synchronous motor         Question ID: 54062615870 Status: Answered Chosen Option: 2         Question ID: 54062615870 Status: Answered Chosen Option: 2         Q.85 The order in which the three phases attain their peak or maximum values is known as:         Ans       ✓ 1. phase difference         ✓ 2. phase sequence       ✓ 3. phase distraction	US : Answered Dn : 4 ID : 54062615870 US : Answered Dn : 2 ID : 54062615833 US : Answered
Question ID : 54062615849 Status : Answered Chosen Option : 4 Q.84 Which of the following motors is preferred to drive the rotary compressor? Ans 1. Three-phase induction motor 2. Universal motor 3. Synchronous motor 4. DC series motor Synchronous motor Question ID : 54062615870 Status : Answered Chosen Option : 2 Q.85 The order in which the three phases attain their peak or maximum values is known as: Ans 1. phase difference 2. phase sequence 3. phase distraction	US : Answered Dn : 4 ID : 54062615870 US : Answered Dn : 2 ID : 54062615833 US : Answered
Status : Answered Chosen Option : 4         0.84 Which of the following motors is preferred to drive the rotary compressor?         Ans	US : Answered Dn : 4 ID : 54062615870 US : Answered Dn : 2 ID : 54062615833 US : Answered
Status : Answered Chosen Option : 4         0.84 Which of the following motors is preferred to drive the rotary compressor?         Ans	US : Answered Dn : 4 ID : 54062615870 US : Answered Dn : 2 ID : 54062615833 US : Answered
Chosen Option : 4 Q.84 Which of the following motors is preferred to drive the rotary compressor? Ans	ID : 54062615870 Us : Answered On : 2 ID : 54062615833 Us : Answered
Ans               1. Three-phase induction motor                  2. Universal motor                  3. Synchronous motor                  4. DC series motor Synchronous motor                 Question ID : 54062615870             Status : Answered             Chosen Option : 2                 0.85 The order in which the three phases attain their peak or maximum values is known as:                 Ans               1. phase difference                 2. phase sequence               2. phase distraction	US : <b>Answered</b> on : <b>2</b> ID : <b>54062615833</b> US : <b>Answered</b>
Ans       X 1. Three-phase induction motor         X 2. Universal motor         3. Synchronous motor         X 4. DC series motor Synchronous motor         Question ID : 54062615870         Status : Answered         Chosen Option : 2         Q.85 The order in which the three phases attain their peak or maximum values is known as:         Ans       X 1. phase difference         2. phase sequence       3. phase distraction	US : <b>Answered</b> on : <b>2</b> ID : <b>54062615833</b> US : <b>Answered</b>
<ul> <li>2. Universal motor</li> <li>3. Synchronous motor</li> <li>4. DC series motor Synchronous motor</li> <li>Question ID : 54062615870 Status : Answered Chosen Option : 2</li> <li>2. Status in which the three phases attain their peak or maximum values is known as:</li> <li>Ans 1. phase difference</li> <li>2. phase sequence</li> <li>3. phase distraction</li> </ul>	US : <b>Answered</b> on : <b>2</b> ID : <b>54062615833</b> US : <b>Answered</b>
<ul> <li>2. Universal motor</li> <li>3. Synchronous motor</li> <li>4. DC series motor Synchronous motor</li> <li>Question ID : 54062615870 Status : Answered Chosen Option : 2</li> <li>2.85 The order in which the three phases attain their peak or maximum values is known as:</li> <li>Ans 1. phase difference</li> <li>2. phase sequence</li> <li>3. phase distraction</li> </ul>	US : <b>Answered</b> on : <b>2</b> ID : <b>54062615833</b> US : <b>Answered</b>
<ul> <li>3. Synchronous motor</li> <li>4. DC series motor Synchronous motor</li> <li>Question ID : 54062615870 Status : Answered Chosen Option : 2</li> <li>2. Status : Answerit in which the three phases attain their peak or maximum values is known as:</li> <li>Ans</li> <li>1. phase difference</li> <li>2. phase sequence</li> <li>3. phase distraction</li> </ul>	us : <b>Answered</b> on : <b>2</b> ID : <b>54062615833</b> us : <b>Answered</b>
<ul> <li>★ 4. DC series motor Synchronous motor</li> <li>Question ID : 54062615870 Status : Answered Chosen Option : 2</li> <li>Q.85 The order in which the three phases attain their peak or maximum values is known as:</li> <li>Ans          <ul> <li>Ans</li></ul></li></ul>	US : <b>Answered</b> on : <b>2</b> ID : <b>54062615833</b> US : <b>Answered</b>
Question ID : 54062615870 Status : Answered Chosen Option : 2 Q.85 The order in which the three phases attain their peak or maximum values is known as: Ans X 1. phase difference 2. phase sequence X 3. phase distraction	US : <b>Answered</b> on : <b>2</b> ID : <b>54062615833</b> US : <b>Answered</b>
Status : Answered Chosen Option : 2         Q.85 The order in which the three phases attain their peak or maximum values is known as:         Ans       ✓ 1. phase difference         ✓ 2. phase sequence         ✓ 3. phase distraction	us : <b>Answered</b> on : <b>2</b> ID : <b>54062615833</b> us : <b>Answered</b>
Status : Answered Chosen Option : 2         Q.85 The order in which the three phases attain their peak or maximum values is known as:         Ans       ✓ 1. phase difference         ✓ 2. phase sequence         ✓ 3. phase distraction	US : <b>Answered</b> on : <b>2</b> ID : <b>54062615833</b> US : <b>Answered</b>
Chosen Option : 2 Q.85 The order in which the three phases attain their peak or maximum values is known as: Ans X 1. phase difference 2. phase sequence X 3. phase distraction	on : 2 ID : 54062615833 us : Answered
<ul> <li>Q.85 The order in which the three phases attain their peak or maximum values is known as:</li> <li>Ans 1. phase difference</li> <li>2. phase sequence</li> <li>3. phase distraction</li> </ul>	ID : <b>54062615833</b> JS : <b>Answered</b>
Ans X 1. phase difference ✓ 2. phase sequence X 3. phase distraction	us : Answered
	us : Answered
	us : Answered
Question ID : 54062615833	us : Answered
Status : Answered	on : 2
Chosen Option : 2	



	The function of a/an is to ensure absolute continuity of powe control systems thereby protecting critical equipment from electric	r to the computerised al supply failure.
ns	🗙 1. inverter	
	✔ 2. UPS	
	🗙 3. SMPS	
	🗙 4. battery charger	
		Question ID : 54062615808 Status : Answered
		Chosen Option : 2
2.90	The materials having low retentivity are widely used in power	r and communication
	apparatus.	
Ans	1. Antistatic	
	X 2. Electrostatic	
	✓ 3. Ferromagnetic	
	🗙 4. Insulating	
		Question ID : 54062615825
		Status : Answered
		Chosen Option : 4
	<ul> <li>X 2. Switchgear equipment is concerned with switching and interview</li> <li>X 3. Switchgear protects the system from the damage</li> <li>X 4. Switchgear operates under normal or abnormal conditions</li> </ul>	errupting current
		Question ID : 54062615898 Status : Answered
		Chosen Option : 1
Q.92	During power measurement in a DC circuit using suitable arrangem	ent of a voltmeter (V)
	and an ammeter (A), the power indicated is:	ent of a voltmeter (V)
	and an ammeter (A), the power indicated is: 1. Power consumed – Power loss in ammeter	ent of a voltmeter (V)
	and an ammeter (A), the power indicated is: 1. Power consumed – Power loss in ammeter 2. Power indicated + Power loss in voltmeter	ent of a voltmeter (V)
	<ul> <li>and an ammeter (A), the power indicated is:</li> <li>1. Power consumed – Power loss in ammeter</li> <li>2. Power indicated + Power loss in voltmeter</li> <li>3. Power consumed + Power loss in voltmeter</li> </ul>	ent of a voltmeter (V)
	and an ammeter (A), the power indicated is: 1. Power consumed – Power loss in ammeter 2. Power indicated + Power loss in voltmeter	ent of a voltmeter (V)
	<ul> <li>and an ammeter (A), the power indicated is:</li> <li>1. Power consumed – Power loss in ammeter</li> <li>2. Power indicated + Power loss in voltmeter</li> <li>3. Power consumed + Power loss in voltmeter</li> </ul>	ent of a voltmeter (V) Question ID : 54062615881
Q.92 Ans	<ul> <li>and an ammeter (A), the power indicated is:</li> <li>1. Power consumed – Power loss in ammeter</li> <li>2. Power indicated + Power loss in voltmeter</li> <li>3. Power consumed + Power loss in voltmeter</li> </ul>	

the given option $N \frac{d\emptyset}{dt}$ volts with usual notations f the flux - linkages is equal to the rate of chan $N^2 \frac{d\emptyset}{dt}$ volts with usual notations	
$N \frac{d\emptyset}{dt}$ volts with usual notations f the flux - linkages is equal to the rate of chan	ge of induced EMF
$N \frac{d\emptyset}{dt}$ volts with usual notations f the flux - linkages is equal to the rate of chan	ge of induced EMF
f the flux - linkages is equal to the rate of chan	ge of induced EMF
	ge of induced EMF
$N^2 \frac{ds}{dt}$ volts with usual notations	
	Question ID : 54062615819
	Status : Answered
	Chosen Option : 2
tal-clad type. In this type of construction, all live pa hed metal ring.	ts are completely
tchgear	
rument	
vitchgear	
trument	
	Question ID : 54062615905
	Status : Not Answered
	Chosen Option :
ound cables, which of the following factors does NO	cause the
cable to rise?	
loss in the dielectric	
	Question ID : 54062615927
	Status : <b>Answered</b> Chosen Option : <b>1</b>
ee of closeness of the color of lumens from the lam	s to the standard
rrelated Color Temperature	
rrelated Color Pressure	
	Question ID : <b>54062615945</b> Status : <b>Answered</b>
	Chosen Option : 3
	thed metal ring. itchgear trument witchgear strument bound cables, which of the following factors does NOT cable to rise? tivity of conductors ent loss in the sheath ss in the conductors is loss in the dielectric ee of closeness of the color of lumens from the lamp orrelated Color Temperature or Rendering Index befincient Color Temperature

Q.97	The phasors are assumed to be rotated in the direction.	
Ans	1. anticlockwise	
	🗙 2. clockwise	
	🗙 3. triangular	
	🗙 4. periodic	
		Question ID : <b>54062615845</b> Status : <b>Answered</b> Chosen Option : <b>1</b>
Q.98	The quality of a magnetic substance due to which energy is dissipated i of its magnetism is known as:	n it on the reversal
Ans	🗙 1. mutually induced EMF	
	🗙 2. magnetic reluctance	
	X 3. self-inductance	
	✔ 4. magnetic hysteresis	
		Question ID : <b>54062615824</b> Status : <b>Answered</b>
		Chosen Option : 4
0.99	In a distribution system, causes lamps to burn out permanently a	nd mav cause failure
	of other appliances.	
Ans	1. low permittivity	
	2. high resistance	
	3. high voltage	
	🗙 4. low voltage	
		Question ID : 54062615888
		Status : Answered
		Chosen Option : 3
Q.100	What will happen to a DC series motor if the series windings are shunted resistance?	l by a variable
Ans	1. The speed of the motor will decrease	
	2. The speed of the motor will increase	
	3. The iron losses in the motor will increase	
	X 4. The leakage flux will be reduced to zero	
		Question ID : 54062615872
		Status : Answered
		Chosen Option : 1
Q.101	In order to protect the cable from moisture, gases or other damaging liq	uids in the
Ans	soil and atmosphere: X 1. steel casing	
Allo	$\sim$ 2. Cable has to be break at certain intervals	
	X 3. a layer of strong acid is provided over the insulation	
	4. A metallic sheath of lead or aluminium is provided over the insu	lation.
		Question ID : 54062615913
		Status : Answered
		Chosen Option : 4



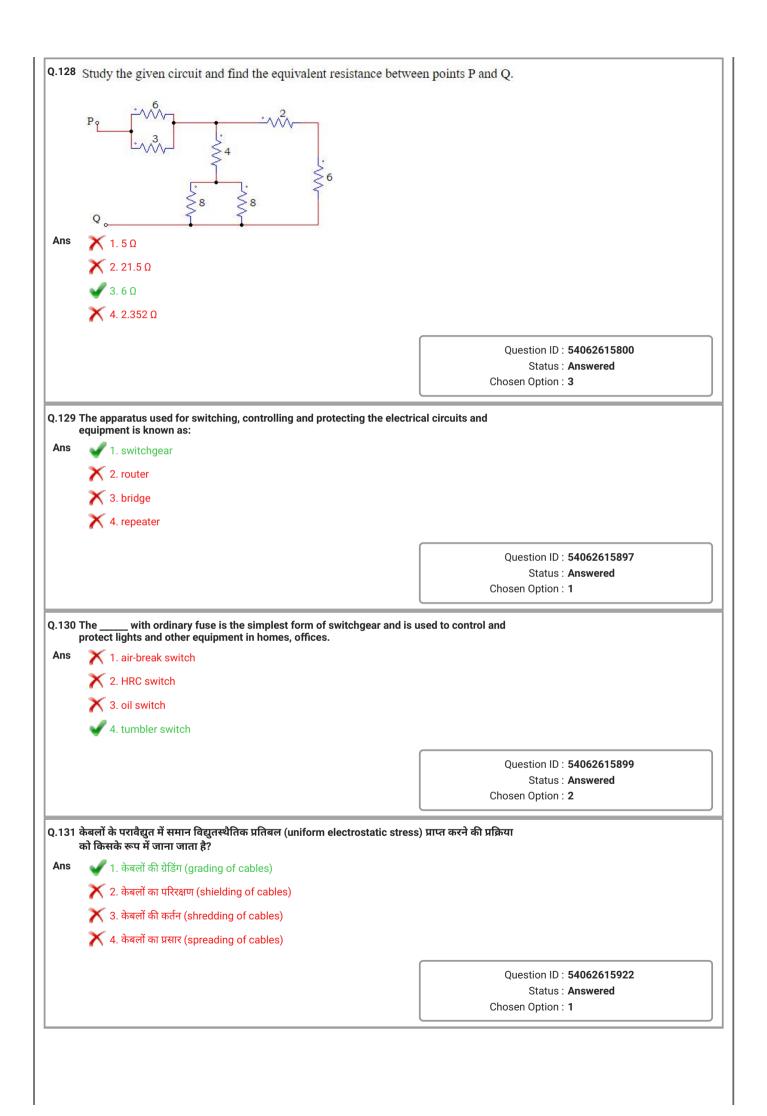
Q.106	में कमजोर चुंबकीय क्षेत्र से मजबूत चुंबकीय क्षेत्र में स्थानांतरित होने की प्र	वृत्ति होती है।
Ans	🗙 1. अनुचुंबकीय पदार्थ (Paramagnetic substances)	
	✔ 2. लौहचुंबकीय पदार्थ (Ferromagnetic substances)	
	🗙 3. इंसुलेटिंग पदार्थ (Insulating substances)	
	🗙 4. विद्युत-स्थैतिक पदार्थ (Electrostatic substances)	
		Question ID : <b>54062615929</b> Status : <b>Answered</b>
		Chosen Option : 2
0 107	For understand a shine of the service device makeline	beath which consists
	For underground cables, a layer of is applied over a metallic s of a fibrous material such as jute or hessian tape to protect the meta corrosion and from mechanical injury.	
Ans	X1. serving	
	<ul> <li>2. bedding</li> </ul>	
	X3. armoring	
	★ <sub>4. insulation</sub>	
		Question ID : 54062615914
		Status : Answered
		Chosen Option : 2
0.100		
Q. 108	As magnetic material is heated, its magnetic strength will X 1. exponentially increase	
	2. increase linearly	
	X 3. remain unaffected	
	4. deduce	
	4. deduce	
		Question ID : 54062615812
		Status : <b>Answered</b> Chosen Option : <b>4</b>
	State whether the given facts about synchronous motor and inductio false.	n motor are true or
	I. Despite any load, a synchronous motor runs at a constant average II. With an increase in load, the speed of an induction motor falls son	speed. newhat.
Ans	X 1. I. false, II. true	
	X 2. I. false, II. false	
	🗙 3. I. true, II. false	
	✔ 4. I. true, II. true	
	✔ 4. I. true, II. true	Question ID · 54062615032
	✔ 4. I. true, II. true	Question ID : 54062615932 Status : Answered

Q.110	In a distribution system, causes loss of revenue, insufficient lig burning out of motors.	hting and possible
Ans	1. high voltage	
	2. low voltage	
	X 3. low permittivity	
	4. high resistance	
		Question ID : <b>54062615887</b>
		Status : <b>Answered</b> Chosen Option : <b>2</b>
Q.111	Line to ground (L-G), line to line (L-L), double line to ground (LL-G) are following types of faults?	e which of the
Ans	X 1. Phase faults	
	🗙 2. Symmetrical faults	
	X 3. Frequency and speed faults	
	4. Asymmetrical faults	
		Question ID : 54062615908 Status : Not Answered
		Chosen Option :
	Which of the following is NOT a different type of bus-bar arrangement systems?	t for switchgear
Ans	✔ 1. Original bus-bar system	
	🗙 2. Single bus-bar system with sectionalisation	
	🗙 3. Single bus-bar system	
	🗙 4. Double bus bar system	
		Question ID : 54062615903 Status : Not Answered
		Chosen Option :
0.113	The length occupied by one complete cycle of the waveform is called	its .
Ans	X 1. velocity	···
	2. standard harmonic distortion	
	X 3. retentivity	
	4. wavelength	
		Question ID : 54062615840 Status : Answered
		Chosen Option : 4
Q.114 Ans	If the transformation ratio is greater than 1, then the transformer is sa	id to be:
Alls	1. DC transformer	
	2. current transformer	
	<ul> <li>✓ 3. step-up transformer</li> <li>✓ 4. step-up transformer</li> </ul>	
	X 4. step-down transformer	
		Question ID : 54062615861
		Status : Answered
1		Chosen Option : 3

Q.115	Complete the following discharge reaction at pos	itive plate.
	$Ni(OH)_4 + 2K \rightarrow$	
Ans	$\times$ 1. 2KOH <sub>2</sub> + 2 NiOH	
	$\times$ 2. 2NiOH <sub>2</sub> + 2 KOH	
	$\times$ 3. NiOH <sub>2</sub> + 2 KOH	
	$\checkmark$ 4. Ni(OH) <sub>2</sub> + 2 KOH	
		Question ID : 54062615811
		Status : <b>Answered</b> Chosen Option : <b>4</b>
2.116	Select the appropriate option to complete the given analogy.	
	Lenz's law : Statically induced EMF :: Fleming's rule : ?	
Ans	1. Neither statically nor dynamically induced EMF	
	2. Both statically and dynamically induced EMF	
	X 3. Statically induced EMF	
	4. Dynamically induced EMF	
		Question ID : 54062615821
		Status : <b>Answered</b> Chosen Option : <b>4</b>
Ans	balanced by  1. self-induced EMF  2. dynamically induced EMF	
	3. copper losses	
	X 4. open circuit voltage	
		Question ID : 54062615867
		Status : <b>Answered</b> Chosen Option : <b>3</b>
	The field coils of a 6-pole DC generator, each having 500 turns, are co When the field is excited, there is a magnetic flux of 0.02 Wb/pole. If a opened in 0.02 seconds and residual magnetism is 0.002 Wb/pole, the average voltage that is induced across the field terminals.	he field circuit is
Ans		
Ans		
Ans	X 2. 2420.23 V	
Ans	<ul> <li>✓ 2. 2420.23 V</li> <li>✓ 3. 8 kV</li> </ul>	
Ans	X 2. 2420.23 V	
Ans	<ul> <li>✓ 2. 2420.23 V</li> <li>✓ 3. 8 kV</li> </ul>	Question ID : 54062615820
Ans	<ul> <li>✓ 2. 2420.23 V</li> <li>✓ 3. 8 kV</li> </ul>	Question ID : <b>54062615820</b> Status : <b>Not Answered</b> Chosen Option :

	Which of the following options DOES NOT represent the category of a c	
ns	🗙 1. Vacuum circuit breakers	
	X 2. Oil circuit breakers	
	🗙 3. Air-blast circuit breakers	
	✔ 4. Sulphuric acid circuit breakers	
		Question ID : 54062615895
		Status : Answered
		Chosen Option : 4
	The maximum flux density in the core of a 250/2000-volts, 50-Hz single-phase tra If the EMF per turn is 8 volts, then determine the area of the core.	nsformer is $1.2 \text{ Wb/m}^2$ .
Ans	$\sim 1.0.03 \text{ m}^2$	
	$\times$ 2. 0.25 m <sup>2</sup>	
	$\times$ 3. 0.05 m <sup>2</sup>	
	$\times$ 4. 0.5 m <sup>2</sup>	
	0.5 m	
		Question ID : 54062615862
f I. I	State whether the given facts about synchronous motor and induction r false. I. For a synchronous motor, the torque gets affected with a change in th II. For an induction motor, the change in applied voltage does not affect 1. I. true, II. true 2. I. false, II. true	Status : Not Answered Chosen Option : notor are true or e applied voltage.
f I. I	<ul> <li>false.</li> <li>I. For a synchronous motor, the torque gets affected with a change in the II. For an induction motor, the change in applied voltage does not affect</li> <li>1. I. true, II. true</li> <li>2. I. false, II. true</li> <li>3. I. true, II. false</li> </ul>	Status : Not Answered Chosen Option : notor are true or e applied voltage.
f I. I	<ul> <li>false.</li> <li>I. For a synchronous motor, the torque gets affected with a change in the II. For an induction motor, the change in applied voltage does not affect</li> <li>1. I. true, II. true</li> <li>2. I. false, II. true</li> </ul>	Status : Not Answered Chosen Option : notor are true or e applied voltage.
f I. I	<ul> <li>false.</li> <li>I. For a synchronous motor, the torque gets affected with a change in the II. For an induction motor, the change in applied voltage does not affect</li> <li>1. I. true, II. true</li> <li>2. I. false, II. true</li> <li>3. I. true, II. false</li> </ul>	Status : Not Answered Chosen Option : notor are true or e applied voltage. the torque. Question ID : 54062615933
f I. I	<ul> <li>false.</li> <li>I. For a synchronous motor, the torque gets affected with a change in the II. For an induction motor, the change in applied voltage does not affect</li> <li>1. I. true, II. true</li> <li>2. I. false, II. true</li> <li>3. I. true, II. false</li> </ul>	Status : Not Answered Chosen Option : notor are true or e applied voltage. the torque.
f I Ans	<ul> <li>false.</li> <li>I. For a synchronous motor, the torque gets affected with a change in the ll. For an induction motor, the change in applied voltage does not affect</li> <li>1. I. true, II. true</li> <li>2. I. false, II. true</li> <li>3. I. true, II. false</li> <li>4. I. false, II. false</li> </ul>	Status : Not Answered Chosen Option : notor are true or e applied voltage. the torque. Question ID : 54062615933 Status : Answered Chosen Option : 4
f I. I Ans	<ul> <li>false.</li> <li>I. For a synchronous motor, the torque gets affected with a change in the II. For an induction motor, the change in applied voltage does not affect</li> <li>1. I. true, II. true</li> <li>2. I. false, II. true</li> <li>3. I. true, II. false</li> </ul>	Status : Not Answered Chosen Option : notor are true or e applied voltage. the torque. Question ID : 54062615933 Status : Answered Chosen Option : 4
f I. Ans	false. I. For a synchronous motor, the torque gets affected with a change in the II. For an induction motor, the change in applied voltage does not affect 1. I. true, II. true 2. I. false, II. true 3. I. true, II. false 4. I. false, II. false 4. I. false, II. false In a balanced three-phase system with delta load, if we assume that the line voltage is $V_{RY}$ = phasor, then the source voltage $V_{YB}$ is: $1.$ $60 < 120^{\circ}$	Status : Not Answered Chosen Option : notor are true or e applied voltage. the torque. Question ID : 54062615933 Status : Answered Chosen Option : 4
f I. Ans	false. I. For a synchronous motor, the torque gets affected with a change in the lil. For an induction motor, the change in applied voltage does not affect $1.1$ . true, II. true 2. I. false, II. true 3. I. true, II. false 4. I. false, II. false 4. I. false, II. false 1. false 1. $60 \angle 120^{\circ}$ 2. $200 \angle -120^{\circ}$	Status : Not Answered Chosen Option : notor are true or e applied voltage. the torque. Question ID : 54062615933 Status : Answered Chosen Option : 4
f I. Ans	false. I. For a synchronous motor, the torque gets affected with a change in the lil. For an induction motor, the change in applied voltage does not affect $1 \cdot 1 \cdot 1$ . true, II. true 2. 1. false, II. true 3. 1. true, II. false 4. 1. false, II. false 4. 1. false, II. false 1. folce 120° 2. $200 \angle -120^\circ$ 3. $200 \angle 240^\circ$	Status : Not Answered Chosen Option : notor are true or e applied voltage. the torque. Question ID : 54062615933 Status : Answered Chosen Option : 4
f I. Ans	false. I. For a synchronous motor, the torque gets affected with a change in the lil. For an induction motor, the change in applied voltage does not affect $1.1$ . true, II. true 2. I. false, II. true 3. I. true, II. false 4. I. false, II. false 4. I. false, II. false 1. false 1. $60 \angle 120^{\circ}$ 2. $200 \angle -120^{\circ}$	Status : Not Answered Chosen Option : notor are true or e applied voltage. the torque. Question ID : 54062615933 Status : Answered Chosen Option : 4
f I. I. I. I. I. I. I. I. I. I. I. I. I.	false. I. For a synchronous motor, the torque gets affected with a change in the lil. For an induction motor, the change in applied voltage does not affect $1 \cdot 1 \cdot 1$ . true, II. true 2. 1. false, II. true 3. 1. true, II. false 4. 1. false, II. false 4. 1. false, II. false 1. folce 120° 2. $200 \angle -120^\circ$ 3. $200 \angle 240^\circ$	Status : Not Answered Chosen Option : notor are true or e applied voltage. the torque. Question ID : 54062615933 Status : Answered Chosen Option : 4

	Q.123 Which of the following properties is not desirable for the insulators in overhead lines?			
Ans	1. Low relative permittivity			
	🗙 2. High mechanical strength			
	X 3. High electrical resistance			
	4. High relative permittivity			
		Question ID : 54062615892 Status : Answered		
		Chosen Option : 4		
	The AC system is advantageous compared to DC system because:			
Ans	1. AC voltages can be easily changed in magnitude			
	X 2. DC voltage cannot be used for domestic appliances			
	🗙 3. DC grid system is not possible			
	ightarrow 4. DC system do not have fine speed control			
		Question ID : 54062615841		
		Status : Answered		
		Chosen Option : 1		
Q.125	is a portable instrument used for testing the insulation resistanc	a of a aircuit		
Ans	1. Tong tester			
	X 2. Tester			
	X 3. Multimeter			
	✓ 4. Megger			
	4. Megger			
		Question ID : 54062615828		
		Status : Answered		
	This is because in cables, the conductors are nearer to each other and	Status : Answered Chosen Option : 4 of an overhead line.		
	This is because in cables, the conductors are nearer to each other and t sheath.	Status : Answered Chosen Option : 4 of an overhead line.		
•	This is because in cables, the conductors are nearer to each other and sheath. X 1. reluctance	Status : Answered Chosen Option : 4 of an overhead line.		
•	This is because in cables, the conductors are nearer to each other and sheath. X 1. reluctance X 2. resistance	Status : Answered Chosen Option : 4 of an overhead line.		
•	<ul> <li>This is because in cables, the conductors are nearer to each other and isheath.</li> <li>1. reluctance</li> <li>2. resistance</li> <li>3. capacitance</li> </ul>	Status : Answered Chosen Option : 4 of an overhead line.		
•	This is because in cables, the conductors are nearer to each other and sheath. X 1. reluctance X 2. resistance	Status : Answered Chosen Option : 4 of an overhead line.		
•	<ul> <li>This is because in cables, the conductors are nearer to each other and isheath.</li> <li>1. reluctance</li> <li>2. resistance</li> <li>3. capacitance</li> </ul>	Status : Answered Chosen Option : 4 of an overhead line.		
•	<ul> <li>This is because in cables, the conductors are nearer to each other and isheath.</li> <li>1. reluctance</li> <li>2. resistance</li> <li>3. capacitance</li> </ul>	Status : Answered Chosen Option : 4 of an overhead line. o the earthed Question ID : 54062615924 Status : Answered		
•	<ul> <li>This is because in cables, the conductors are nearer to each other and isheath.</li> <li>1. reluctance</li> <li>2. resistance</li> <li>3. capacitance</li> </ul>	Status : Answered Chosen Option : 4 of an overhead line. o the earthed Question ID : 54062615924		
Ans	This is because in cables, the conductors are nearer to each other and isheath.	Status : Answered Chosen Option : 4 of an overhead line. o the earthed Question ID : 54062615924 Status : Answered Chosen Option : 3		
Ans	This is because in cables, the conductors are nearer to each other and isheath.	Status : Answered Chosen Option : 4 of an overhead line. o the earthed Question ID : 54062615924 Status : Answered Chosen Option : 3		
Ans	This is because in cables, the conductors are nearer to each other and isheath.	Status : Answered Chosen Option : 4 of an overhead line. o the earthed Question ID : 54062615924 Status : Answered Chosen Option : 3		
Ans	This is because in cables, the conductors are nearer to each other and isheath.	Status : Answered Chosen Option : 4 of an overhead line. o the earthed Question ID : 54062615924 Status : Answered Chosen Option : 3		
Ans	This is because in cables, the conductors are nearer to each other and is sheath.	Status : Answered Chosen Option : 4 of an overhead line. o the earthed Question ID : 54062615924 Status : Answered Chosen Option : 3		
Ans	This is because in cables, the conductors are nearer to each other and isheath.	Status : Answered Chosen Option : 4 of an overhead line. o the earthed Question ID : 54062615924 Status : Answered Chosen Option : 3		
Ans	This is because in cables, the conductors are nearer to each other and is sheath.	Status : Answered Chosen Option : 4 of an overhead line. o the earthed Question ID : 54062615924 Status : Answered Chosen Option : 3 rtional to the cosine ninous flux?		
Ans	This is because in cables, the conductors are nearer to each other and is sheath.	Status : Answered Chosen Option : 4 of an overhead line. o the earthed Question ID : 54062615924 Status : Answered Chosen Option : 3		



2	$\times 1. \frac{Vm}{2}$ $\times 2. \frac{Vm}{\sqrt{2}}$	
2	$\times$ 2. $\frac{Vm}{\sqrt{2}}$	
2	$\times$ 2. $\frac{Vm}{\sqrt{2}}$	
2		
2		
	2Vm	
	$\times$ 3. $\frac{2Vm}{\pi}$	
	🖌 4. zero	
		Question ID : 54062615843
		Status : Answered
		Chosen Option : 3
	pur arms of a Wheatstone bridge are connected as follow od C; R2 = 120 Ω between points B and C; R3 = 480 Ω betw	
bet	etween points B and D; a 100 V supply is connected between	
	Itage between points C and D.	
-	🗙 1. 25 V	
- 7	🗙 2. 60 V	
	✔ 3. 35 V	
7	🗙 4. 48.25 V	
		Question ID : 54062615803
		Status : Not Answered
		Chosen Option :
0.8 ns 🏅	nnected to a 3-phase 400 V, 50 Hz supply, it takes 30 A I 8 lagging. Calculate the total power taken by the load. 1. 1.6627 W 2. 1.6627 kW	
- 7	🗙 3. 16.627 W	
	✓ 4. 16.627 kW	
	•	
		Question ID : 54062615853
		Status : Answered
		Chosen Option : 2
35 🗛 с	conductor of length 1 m moves at right angles to a uniform magnetic field	of flux density 1.5 Wh/m <sup>2</sup> with a velocity
of 5	50 m/s. Calculate the EMF induced in it.	
ns 🏅	🗙 1. 75 kV	
- 7	🗙 2. 8 kV	
2	🗙 3. 8 V	
	✓ 4. 75 V	
		Question ID : 54062615823
		Status : Answered
		Chosen Option : 4

.136	Which of the following is NOT the desirable feature of a switchgear?		
Ans	1. Quick operation		
	🗙 2. Complete stability		
	✔ 3. Fully automatic operation without manual intervention		
	🗙 4. Thermal effect stability		
		Question ID : 54062615901	
		Status : Answered	
		Chosen Option : 3	
.137	State whether the given facts about synchronous motor are true or false	<u>.</u>	
	I. Dampers do not completely prevent hunting. II. Dampers make synchronous motors self-starting.		
Ans	X 1. I. false II. false		
	🖌 2. I. true II. true		
	🗙 3. I. true II. false		
	🗙 4. I. false II. true		
		Question ID : <b>54062615931</b> Status : <b>Answered</b>	
		Chosen Option : <b>4</b>	
	× 2. 20 V × 3. 100 V × 4. $10^{-3}$ V		
		Question ID : 54062615807	
		Status : Not Attempted and Marked For Review	
		Chosen Option :	
2.139	Iron, cobalt, nickel, gadolinium are:		
Ans	🗙 1. Hard ferromagnetic substances		
/ 110			
7410	X 2. Paramagnetic substances		
1.10	<ul> <li>2. Paramagnetic substances</li> <li>3. Electrostatic substances</li> </ul>		
7 410			
,	X 3. Electrostatic substances	Question ID : <b>54062615935</b>	
	X 3. Electrostatic substances	Question ID : <b>54062615935</b> Status : <b>Answered</b> Chosen Option : <b>1</b>	

	Q.140 भूमिगत केबल की इंसुलेट सामग्री ऐसी होनी चाहिए, जो हवा या मिट्टी से नमी को अवशोषित न करे; यह विशेषता क्या कहलाती है?				
Ans	✔ 1. गैर आर्द्रताग्राही (non-hygroscopic)				
	<ul> <li>२. गैर विषैले (non-toxic)</li> <li>२. गैर परावैद्युत (non-dielectric)</li> </ul>				
	🗙 ४. गैर ज्वलनशील (non-inflammable)				
		Question ID : 54062615917			
		Status : Answered Chosen Option : 1			
	In a three-phase star-connected system, point N is known	own as:			
Ans	X 1. Curie point				
	X 2. Q-point				
	🗙 3. Nelson point				
	✔ 4. Star point				
		Ouestion ID : 54062615836			
		Status : Answered			
		Chosen Option : 4			
	🗹 2. Compact fluorescent light bulbs				
	🗙 3. Halogen bulbs				
	<ul> <li>3. Halogen bulbs</li> <li>4. Sodium vapour bulbs</li> </ul>				
		Question ID : 54062615941			
		Status : Answered			
Q.143	4. Sodium vapour bulbs	Status : Answered Chosen Option : 2 and i(t) are the values of			
Q.143 Ans	X 4. Sodium vapour bulbs	Status : Answered Chosen Option : 2 and i(t) are the values of			
	4. Sodium vapour bulbs	Status : Answered Chosen Option : 2 and i(t) are the values of			
	4. Sodium vapour bulbs In the alternating current (AC) circuits, where $p(t)$ , $v(t)$ instantaneous power, voltage and current, respectively $\sim 1. P(t) = V(t) \times I(t)$	Status : Answered Chosen Option : 2 and i(t) are the values of			
	4. Sodium vapour bulbs In the alternating current (AC) circuits, where $p(t)$ , $v(t)$ instantaneous power, voltage and current, respectively 1. $P(t) = V(t) \times I(t)$ 2. $P(t) = V(t) + I(t)$	Status : Answered Chosen Option : 2 and i(t) are the values of			
	4. Sodium vapour bulbs a In the alternating current (AC) circuits, where p(t), v(t) is instantaneous power, voltage and current, respectively 1. $P(t) = V(t) \times I(t)$ 2. $P(t) = V(t) + I(t)$ 3. $P(t) = \frac{V(t)}{I(t)}$	Status : Answered Chosen Option : 2 and i(t) are the values of , the power at any instant is given by:			
	4. Sodium vapour bulbs a In the alternating current (AC) circuits, where p(t), v(t) is instantaneous power, voltage and current, respectively 1. $P(t) = V(t) \times I(t)$ 2. $P(t) = V(t) + I(t)$ 3. $P(t) = \frac{V(t)}{I(t)}$	Status : Answered Chosen Option : 2 and i(t) are the values of			

	In underground cables, which of the following is NOT the most insulation?	commonly used materials for		
Ans	🗙 1. Rubber mineral compound			
	🗙 2. Impregnated paper			
	✔ 3. Impregnated fibre			
	🗙 4. Varnished cambric			
		Question ID : 54062615912 Status : Answered		
		Chosen Option : 4		
	What is the magnitude of the equatorial field due to a bar magnet of length 5.0 cr point? The magnetic moment of the bar magnet is $0.40 \text{ A m}^2$ .	n at a distance of 50 cm from its mid-		
Ans	× 1. 3.2 T			
	$\times$ 2. 3.2 × 10 <sup>-3</sup> T			
	$\times$ 3. 3.2 × 10 <sup>-6</sup> T			
	$\checkmark$ 4. 3.2 × 10 <sup>-7</sup> T			
	• 3.2 × 10 × 1			
		Question ID : 54062615829		
		Status : Not Answered Chosen Option :		
	The provide much higher efficacy than the incandescent	lamps.		
Ans	1. Fluorescent lamps			
	2. Low pressure hydrogen lamps			
	X 3. Metal halide lamps			
	X 4. Incandescent lamps			
		Question ID : 54062615944		
		Status : Answered Chosen Option : 1		
Q.147	भूमिगत केबल डालने के लिए निम्न में से कौन-सी विधि सबसे सरल और सब	से सस्ती है?		
Ans	✔ 1. डायरेक्ट लेयिंग (Direct laying)			
	🗙 2. फाइबर लेयिंग (Fibre laying)			
	🗙 3. सॉलिड लेयिंग (Solid laying)			
	🗙 4. ड्रा-इन लेयिंग (Draw-in-laying)			
		Question ID : 54062615920		
		Status : Answered		
		Chosen Option : 1		
(	A tube light is a lamp that works on low pressure dischar converts ultra-violate ray into visible ray with the help of phosp			
Ans	tube.			
	<ul> <li>2. mercury vapour</li> </ul>			
	<ul> <li>X 3. sodium iodide</li> </ul>			
	X 4. metal halide			
		Question ID : 54062615942		
		Status : Marked For Review Chosen Option : 2		

Q.149 Whenever a fault occurs on a network such that a large current flows in one or more phases, a/an is said to have occurred.		
Ans	X 1. frequency change	
	2. speed fault	
	3. short circuit	
	4. phase fault	
		Question ID : 54062615906 Status : Answered
		Chosen Option : 3
Q.150 Ans	The power in DC circuits can be measured by:	
Ans	1. wattmeter	
	2. phase sequence meter	
	X 3. frequency meter	
	X 4. tachometer	
		Question ID : 54062615880
		Status : Answered
		Chosen Option : 1
Sectio	n : General Hindi and General Knowledge and Reasoning	
	मूर्खपन में अपना नुकसान स्वयं करना – के लिए उचित मुहावरा है:	
Ans	🖌 1. अपने पैर पर कुल्हाड़ी मारना	
	🗙 2. घुटने टेक देना	
	X 3. आँखें खुली की खुली रह जाना	
	🗙 ४. कान का कच्चा होना	
	🔨 4. कान का कच्चा हाना	
		Question ID : 54062615960
		Status : <b>Answered</b> Chosen Option : <b>1</b>
		Chosen Option . 1
Q.2	विलोम शब्द का कौन सा युग्म गलत है?	
Ans	✔ 1. उपाय – उपमेय	
	🗙 २. उग्र – सौम्य	
	🗙 3. अवनि – अंबर	
	🗙 ४. अनुज - अग्रज	
		Question ID : 54062615955
		Status : Not Attempted and Marked For Review
		Chosen Option :
Q.3	जो अच्छे कुल में उत्पन्न हुआ हो' वाक्यांश के लिए एक शब्द है:	
Ans	🗙 1. उच्च कुल	
	🗙 2. कुलघातक	
	🗙 ३. कुलांत	
	✔ 4. कुलीन	
		Question ID : 54062615957 Status : Answered
		Chosen Option : 4

Q.4	'बाग में लाल फूल खिले हैं।' वाक्य में प्रयुक्त विशेषण है:	
Ans	🗙 1. सार्वनामिक विशेषण	
	🗙 2. परिमाणवाचक विशेषण	
	🗙 3. संख्यावाचक विशेषण	
	🗸 4. गुणवाचक विशेषण	
		Question ID : <b>54062615952</b> Status : <b>Answered</b>
		Chosen Option : <b>4</b>
	'निजत्व' का संज्ञा भेद है:	
Ans	🗙 1. समूहवाचक संज्ञा	
	✔ 2. भाववाचक संज्ञा	
	🗙 3. जातिवाचक संज्ञा	
	🗙 ४. व्यक्तिवाचक संज्ञा	
		Question ID : 54062615950
		Status : Answered
		Chosen Option : 3
Q.6	'निर्झर – निर्जर' शब्द युग्म के सही अर्थ भेद का चयन कीजिए:	
Ans	🗙 १. सूखा - सुनसान	
	🗙 2. हलका - निर्जीव	
	🖌 3. झरना - देवता	
	🗙 ४. देवता - झरना	
		Question ID : <b>54062615956</b> Status : <b>Answered</b>
		Chosen Option : 2
Q.7 Ans	'तुच्छ' का पर्यायवाची है:	
AIIS	🗙 1. दर्प रू -	
	🗙 2. वात	
	✔ 3. निकृष्ट	
	🗙 ४. दरिद्र	
		Question ID : 54062615954
		Status : Not Answered
		Chosen Option :
Q.8	वाक्य की समाप्ति पर किस चिह्न का प्रयोग किया जाता है?	
Ans	✔ 1. पूर्ण विराम चिह्न	
	🗙 2. योजक चिह्न	
	🗙 3. निर्देशक चिह्न	
	• • •	
	🗙 ४. अल्प विराम चिह्न	
		Question ID : 54062615962 Status : Answered

Q.9	कौन सा शब्द प्रत्यय युक्त है?	
Ans	🗙 1. सरहद	
	✔ 2. छलावा	
	🗙 3. उनींद	
	🗙 4. निर्बल	
		Question ID : 54062615947
		Status : Answered
		Chosen Option : 2
Q.10	निम्नलिखित तत्सम तद्भव शब्द युग्म में से कौन सा विकल्प अशुद्ध है:	
Ans	🗸 १. स्वर्ण – सपना	
	🗙 2. मूढ़ – मूर्ख	
	🗙 3. तृण – तिनका	
	🗙 4. अक्षि – आँख	
		Question ID : 54062615948
		Status : <b>Answered</b> Chosen Option : <b>1</b>
	सीधे का मुँह कुत्ता चाटे – लोकोक्ति का अर्थ है: 	
Ans	🗙 1. मूर्खता दिखाना	
	🗙 2. स्वार्थी होना	
	✔ 3. बहुत सीधापन नुकसान देता है	
	🗙 ४. कहीं का न रहना	
		Question ID : 54062615961
		Status : Answered
		Chosen Option : 3
Q.12	शुद्ध शब्द का चयन कीजिए:	
Ans	🖌 1. सृष्टि	
	🗙 2. वेम्नस्यता	
	🗙 3. श्रिमान	
	🗙 ४. आपार	
		Question ID : <b>54062615958</b> Status : <b>Answered</b>
		Chosen Option : <b>4</b>
	निम्नलिखित में से अशुद्ध शब्द है:	
Ans	🖌 1. परिक्षा	
	🗙 2. प्रतीक्षा	
	🗙 3. महाबली	
	🗙 4. बलिदान	
		Question ID : 54062615959
		Status : Answered
		Chosen Option : 1

0.14	निम्नलिखित में से कौन सा देशज शब्द है?	
Ans	🗙 1. कीमत	
	🗙 2. बेटा	
	X 3. उच्च	
	🗸 ४. खिड्की	
	ISON	
		Question ID : 54062615949
		Status : Not Answered Chosen Option :
	अध्यापिका छात्र से पाठ <u>पढ़वाती हैं</u> । रेखांकित का क्रिया भेद है:	
Ans	🗙 1. नामधातु क्रिया	
	🗙 2. सकर्मक क्रिया	
	✔ 3. प्रेरणार्थक क्रिया	
	🗙 ४. संयुक्त क्रिया	
		Question ID : 54062615953
		Status : Answered
		Chosen Option : 3
0.16	'अनुपस्थित' में प्रयुक्त उपसर्ग है:	
Ans	√ 1. अन्	
	🗙 2. अन	
	🗙 ३. अनु	
	X 4. अ	
	4. 4	
		Question ID : 54062615946
		Status : <b>Answered</b> Chosen Option : <b>1</b>
Q.17	'बड़ों का आदर करना <u>हमारा</u> कर्तव्य है।' रेखांकित सर्वनाम का भेद है:	
Ans	🗙 1. अनिश्चयवाचक सर्वनाम	
	🗙 2. अन्य पुरुषवाचक सर्वनाम	
	✔ 3. उत्तम पुरुषवाचक सर्वनाम	
	🗙 ४. संबंधवाचक सर्वनाम	
		Question ID : 54062615951
		Status : Answered
		Chosen Option : 3
	1991 में जब आर्थिक सुधार और उदारीकरण की शुरुआत हुई, तब निम्नलिखित में से थे?	कौन भारत के वित्त मंत्री
Ans	🗙 1. प्रणब मुखर्जी	
	🗙 2. पी.वी. नरसिम्हा राव	
	🗙 3. पी. चिदंबरम	
	🗸 ४. मनमोहन सिंह	
		Question ID + E40(0(1E077
		Question ID : 54062615977
		Status : Answered Chosen Option : 2

Q.19	9 Who is the Comptroller and Auditor General of India, as of January 2020?	
Ans 🗙 1. VN Kaul		
	✔ 2. Rajiv Mehrishi	
	🗙 3. VinodRai	
	🗙 4. Shashi Kant Sharma	
		Question ID : 54062615975
		Status : Answered
		Chosen Option : 4
0.20	प्रकृति से प्राप्त संसाधन, जो बिना किसी संशोधन के इस्तेमाल किए जाते हैं, क्या कहल	गते हैं?
Ans	🗙 1. चिकित्सा संसाधन	
	🗙 २. मानव संसाधन	
	🗙 3. आर्थिक संसाधन	
	🗸 ४. प्राकृतिक संसाधन	
	€ C	
		Question ID : <b>54062615967</b> Status : <b>Answered</b>
		Chosen Option : 4
	Who designed the Chhatrapati Shivaji Maharaj Terminus (formerly Vict Mumbai?	oria Terminus) in
Ans	🗙 1. Edwin Lutyens	
	2. FW Stevens	
	🗙 3. George Wittet	
	🗙 4. Robert Chisholm	
		Question ID : 54062615964
		Status : Not Answered
		Chosen Option :
Q.22	तीन वार्षिक योजनाओं की अवधि क्या थी?	
Ans	X 1. 1961-64	
	2. 1966-69	
	3. 1958-61	
	<b>X</b> 4. 1969-72	
		Question ID : 54062615978 Status : Not Answered
		Chosen Option :
• • •		
Q.23 Ans	When was the Rajiv Gandhi International Airport, Hyderabad opened to X 1. 2007	commercial traffic?
	× 2. 2006	
	× 3. 2005	
	<ul> <li>✓ 4. 2008</li> </ul>	
	¥ 4. 2008	
		Question ID : 54062615968
		Status : <b>Not Answered</b> Chosen Option :

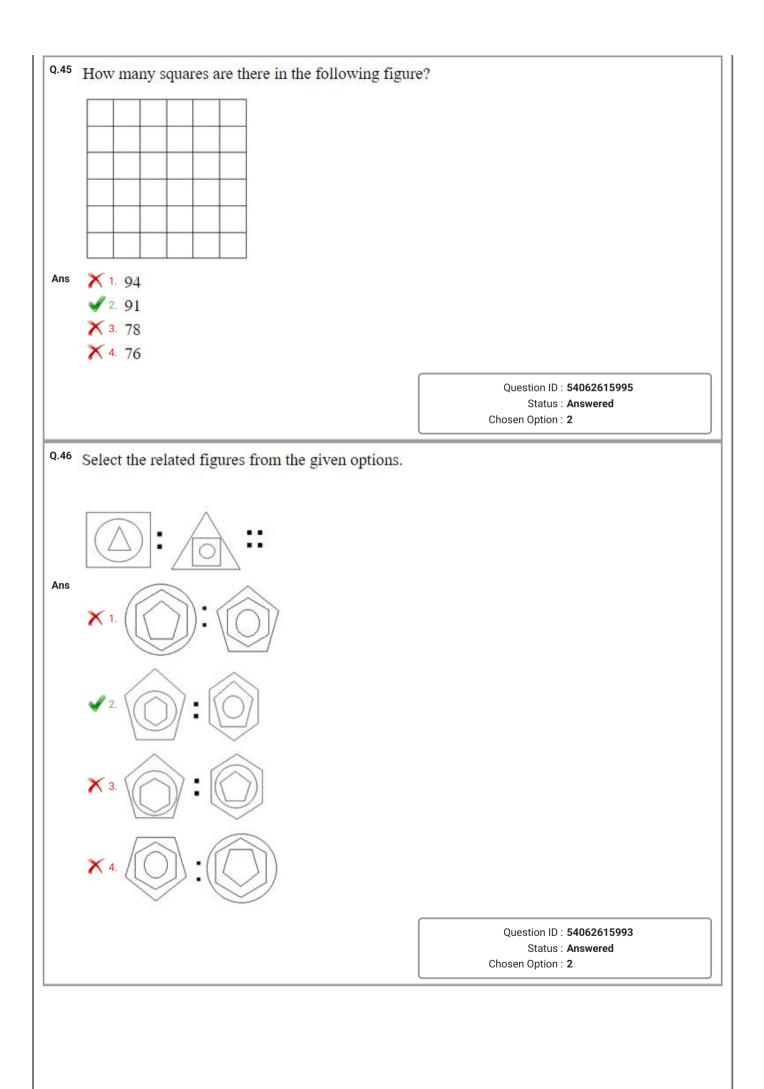
Q.24	The temples at Khajuraho were built during which dynasty?		
Ans	<ul> <li>1. Chandella dynasty</li> <li>2. Pallava dynasty</li> </ul>		
	X 3. Gupta dynasty		
	X 4. Chola dynasty		
		Question ID : 54062615966	
		Status : <b>Not Answered</b> Chosen Option :	
Q.25	Which among the following when released in the atmospher by trapping the heat radiated from the earth?	re creates a greenhouse effect	
Ans	🗙 1. Ferrous dioxide		
	🗙 2. Nitrogen dioxide		
	🗙 3. Sulphur dioxide		
	<ul> <li>4. Carbon dioxide</li> </ul>		
	•		
		Question ID : 54062615970	
		Status : <b>Answered</b> Chosen Option : <b>4</b>	
Q.26	Who was the President of India in the year 1968?		
Ans	🗙 1. Sarvepalli Radhakrishnan		
	🗙 2. Varahagiri Venkata Giri		
	<ul> <li>3. Zakir Husain</li> </ul>		
	4. Fakhruddin Ali Ahmed		
	4. Fullen uddin 7 in 7 united		
		Question ID : 54062615974	
		Status : Not Answered	
		Chosen Option :	
0.27			
Q.2/	भारत में अनवरत योजनाओं की अवधि क्या थी?		
•			
•	<b>√</b> 1. 1978-80		
•	<ul> <li>1. 1978-80</li> <li>2. 1991-93</li> </ul>		
•	<ul> <li>1. 1978-80</li> <li>2. 1991-93</li> <li>3. 1980-82</li> </ul>		
•	<ul> <li>1. 1978-80</li> <li>2. 1991-93</li> </ul>		
•	<ul> <li>1. 1978-80</li> <li>2. 1991-93</li> <li>3. 1980-82</li> </ul>	Question ID : <b>54062615971</b>	
•	<ul> <li>1. 1978-80</li> <li>2. 1991-93</li> <li>3. 1980-82</li> </ul>	Status : Not Answered	
•	<ul> <li>1. 1978-80</li> <li>2. 1991-93</li> <li>3. 1980-82</li> </ul>		
Ans	<ul> <li>1. 1978-80</li> <li>2. 1991-93</li> <li>3. 1980-82</li> <li>4. 1976-78</li> </ul>	Status : Not Answered	
Ans Q.28	<ul> <li>1. 1978-80</li> <li>2. 1991-93</li> <li>3. 1980-82</li> <li>4. 1976-78</li> </ul>	Status : Not Answered	
Ans Q.28	<ul> <li>1. 1978-80</li> <li>2. 1991-93</li> <li>3. 1980-82</li> <li>4. 1976-78</li> </ul> संसद में केंद्रीय बजट कौन प्रस्तुत करता है? 1. विदेश मंत्री	Status : Not Answered	
Ans Q.28	<ul> <li>1. 1978-80</li> <li>2. 1991-93</li> <li>3. 1980-82</li> <li>4. 1976-78</li> </ul> संसद में केंद्रीय बजट कौन प्रस्तुत करता है? <ul> <li>1. विदेश मंत्री</li> <li>2. वाणिज्य और उद्योग मंत्री</li> </ul>	Status : Not Answered	
Ans Q.28	<ul> <li>1. 1978-80</li> <li>2. 1991-93</li> <li>3. 1980-82</li> <li>4. 1976-78</li> </ul> संसद में केंद्रीय बजट कौन प्रस्तुत करता है? <ul> <li>1. विदेश मंत्री</li> <li>2. वाणिज्य और उद्योग मंत्री</li> <li>3. गृह मंत्री</li> </ul>	Status : Not Answered	
Ans	<ul> <li>1. 1978-80</li> <li>2. 1991-93</li> <li>3. 1980-82</li> <li>4. 1976-78</li> </ul> संसद में केंद्रीय बजट कौन प्रस्तुत करता है? <ul> <li>1. विदेश मंत्री</li> <li>2. वाणिज्य और उद्योग मंत्री</li> </ul>	Status : Not Answered	
Ans Q.28	<ul> <li>1. 1978-80</li> <li>2. 1991-93</li> <li>3. 1980-82</li> <li>4. 1976-78</li> </ul> संसद में केंद्रीय बजट कौन प्रस्तुत करता है? <ul> <li>1. विदेश मंत्री</li> <li>2. वाणिज्य और उद्योग मंत्री</li> <li>3. गृह मंत्री</li> </ul>	Status : Not Answered Chosen Option :	
Ans Q.28	<ul> <li>1. 1978-80</li> <li>2. 1991-93</li> <li>3. 1980-82</li> <li>4. 1976-78</li> </ul> संसद में केंद्रीय बजट कौन प्रस्तुत करता है? <ul> <li>1. विदेश मंत्री</li> <li>2. वाणिज्य और उद्योग मंत्री</li> <li>3. गृह मंत्री</li> </ul>	Status : Not Answered	

Q.29		
	तुगलक वंश का संस्थापक कौन था?	
Ans	🗙 1. फिरोज शाह तुगलक	
	✔ 2. गयासुद्दीन तुगलक	
	🗙 3. मुहम्मद बिन तुगलक	
	🗙 ४. नसीरुद्दीन मोहम्मद शाह तुगलक	
	איזאיאא איזאיאר אואיאיא אואיאיא איזאאיזאי	
		Question ID : 54062615965
		Status : Not Answered
		Chosen Option :
0.30	निम्नलिखित में से किस राज्य की विधान सभा में सबसे अधिक सीटें हैं?	
Ans	✓ 1. पश्चिम बंगाल	
	🗙 २. महाराष्ट्र	
	🗙 3. मध्य प्रदेश	
	🗙 ४. बिहार	
		Question ID : 54062615973
		Status : Answered
		Chosen Option : 3
	When was the McMahan line drawn?	
Ans	🗙 1. 1915	
	🗙 2. 1921	
	<b>V</b> 3. 1914	
	X 4. 1920	
		Question ID : 54062615969
		Status : Not Answered
Q.32	How many times Mahmud Ghaznavi attacked ancient India?	Status : Not Answered
	How many times Mahmud Ghaznavi attacked ancient India?	Status : Not Answered
	<b>X</b> 1.15	Status : Not Answered
	× 1. 15 × 2. 19	Status : Not Answered
	<ul> <li>1. 15</li> <li>2. 19</li> <li>3. 17</li> </ul>	Status : Not Answered
	× 1. 15 × 2. 19	Status : Not Answered
	<ul> <li>1. 15</li> <li>2. 19</li> <li>3. 17</li> </ul>	Status : Not Answered
	<ul> <li>1. 15</li> <li>2. 19</li> <li>3. 17</li> </ul>	Status : Not Answered Chosen Option : Question ID : 54062615963 Status : Answered
	<ul> <li>1. 15</li> <li>2. 19</li> <li>3. 17</li> </ul>	Status : Not Answered Chosen Option : Question ID : 54062615963
Ans	<ul> <li>1. 15</li> <li>2. 19</li> <li>3. 17</li> <li>4. 21</li> <li>हिंदी और अंग्रेजी भाषा में लिखी गई भारतीय संविधान की मूल प्रतियां, भारत</li> </ul>	Status : Not Answered Chosen Option : Question ID : 54062615963 Status : Answered Chosen Option : 3
Ans	<ul> <li>1. 15</li> <li>2. 19</li> <li>3. 17</li> <li>4. 21</li> </ul> हिंदी और अंग्रेजी भाषा में लिखी गई भारतीय संविधान की मूल प्रतियां, भारत रूप से बने से भरे हुए बक्सों में रखी जाती हैं।	Status : Not Answered Chosen Option : Question ID : 54062615963 Status : Answered Chosen Option : 3
Ans Q.33	<ul> <li>1. 15</li> <li>2. 19</li> <li>3. 17</li> <li>4. 21</li> </ul> हिंदी और अंग्रेजी भाषा में लिखी गई भारतीय संविधान की मूल प्रतियां, भारत रूप से बने से भरे हुए बक्सों में रखी जाती हैं। 1. हीलियम	Status : Not Answered Chosen Option : Question ID : 54062615963 Status : Answered Chosen Option : 3
Ans	<ul> <li>1. 15</li> <li>2. 19</li> <li>3. 17</li> <li>4. 21</li> </ul> हिंदी और अंग्रेजी भाषा में लिखी गई भारतीय संविधान की मूल प्रतियां, भारत रूप से बने से भरे हुए बक्सों में रखी जाती हैं। 1. हीलियम 2. हाइड्रोजन	Status : Not Answered Chosen Option : Question ID : 54062615963 Status : Answered Chosen Option : 3
Ans Q.33	<ul> <li>1. 15</li> <li>2. 19</li> <li>3. 17</li> <li>4. 21</li> </ul> हिंदी और अंग्रेजी भाषा में लिखी गई भारतीय संविधान की मूल प्रतियां, भारत रूप से बने से भरे हुए बक्सों में रखी जाती हैं। <ul> <li>1. हीलियम</li> <li>2. हाइड्रोजन</li> <li>3. फ्लोरीन</li> </ul>	Status : Not Answered Chosen Option : Question ID : 54062615963 Status : Answered Chosen Option : 3
Ans Q.33	<ul> <li>1. 15</li> <li>2. 19</li> <li>3. 17</li> <li>4. 21</li> </ul> हिंदी और अंग्रेजी भाषा में लिखी गई भारतीय संविधान की मूल प्रतियां, भारत रूप से बने से भरे हुए बक्सों में रखी जाती हैं। 1. हीलियम 2. हाइड्रोजन	Status : Not Answered Chosen Option : Question ID : 54062615963 Status : Answered Chosen Option : 3
Ans Q.33	<ul> <li>1. 15</li> <li>2. 19</li> <li>3. 17</li> <li>4. 21</li> </ul> हिंदी और अंग्रेजी भाषा में लिखी गई भारतीय संविधान की मूल प्रतियां, भारत रूप से बने से भरे हुए बक्सों में रखी जाती हैं। <ul> <li>1. हीलियम</li> <li>2. हाइड्रोजन</li> <li>3. फ्लोरीन</li> </ul>	Status : Not Answered Chosen Option : Question ID : <b>54062615963</b> Status : Answered Chosen Option : <b>3</b>
Ans	<ul> <li>1. 15</li> <li>2. 19</li> <li>3. 17</li> <li>4. 21</li> </ul> हिंदी और अंग्रेजी भाषा में लिखी गई भारतीय संविधान की मूल प्रतियां, भारत रूप से बने से भरे हुए बक्सों में रखी जाती हैं। <ul> <li>1. हीलियम</li> <li>2. हाइड्रोजन</li> <li>3. फ्लोरीन</li> </ul>	Status : Not Answered Chosen Option : Question ID : 54062615963 Status : Answered Chosen Option : 3

Q.34	Read the given statements and conclusions carefully. Assuming that the information given in if it appears to be at variance with commonly known facts, decide which of the given conclus from the statements.	
	Statements: I. Some doctors are students. II. All students are boys.	
	Conclusions: I. All doctors are boys. II. Some boys are doctors. III. Some boys are students. IV. All students are doctors.	
Ans	$\thickapprox$ 1. All the conclusions I, II, III and IV follow.	
	2. Only conclusions II and III follow.	
	✗ ₃ Only conclusion I follows.	
	✗ ₄. Only conclusions I, II and III follow.	
		Ouestion ID : 54062615988
		Status : Answered
		Chosen Option : 2
Q.35	निम्नलिखित वर्गों के बीच के संबंध का सर्वोत्तम तरीके से प्रतिनिधित्व करनेवाले वेन	आरेख का चयन कीजिए।
	सब्जी, हरी, अमरूद	
Ans		
	<b>X</b> 1.	
	<b>×</b> <sup>2</sup> ○ ○ ○	
	<ul> <li>✓ 3.</li> </ul>	
	<b>X</b> 4.	
		Question ID : <b>54062615992</b> Status : <b>Answered</b> Chosen Option : <b>1</b>
Q.36	20-year-old Renu is four times as old as her sister Kiran. After how many years will Renu bec	come twice as old as Kiran?
Ans	<b>X</b> 1. 15	
	✓ 2. 10	
	<b>X</b> 3. 5	
	<b>X</b> 4. 20	
		Question ID : 54062615990
		Status : Not Answered Chosen Option :

Ans	-	La ror of written to in this millinguige.
	In a certain code language, MOBILE is written as LEIOBM. How will LAPTOP be written as in that language?	
	× 2. ALPPTO	
	X 3. PLTOAP	
	X 4 APLOTP	
		Question ID : 54062615985
		Status : Answered
		Chosen Option : 1
Q.38	Select the option that is related to the third number in the same way as the se	econd number is related to the first number.
•	9:82::11:?	
Ans	🗙 1. 111	
	2. 121	
	✗ ₃. 110	
	✓ 4. 122	
		Question ID : 54062615991
		Status : <b>Answered</b> Chosen Option : <b>4</b>
		Status : <b>Answered</b> Chosen Option : <b>4</b>
Q.39	Four number pairs have been given out of which three are alike in some man	Chosen Option : 4
	Four number pairs have been given out of which three are alike in some man $\times$ 1. 11, 125	Chosen Option : 4
		Chosen Option : 4
	<ul> <li>★ 1. 11, 125</li> <li>✓ 2. 13, 172</li> </ul>	Chosen Option : 4
	<ul> <li>★ 1. 11, 125</li> <li>✓ 2. 13, 172</li> <li>★ 3. 9, 85</li> </ul>	Chosen Option : 4
	<ul> <li>★ 1. 11, 125</li> <li>✓ 2. 13, 172</li> </ul>	Chosen Option : 4
	<ul> <li>★ 1. 11, 125</li> <li>✓ 2. 13, 172</li> <li>★ 3. 9, 85</li> </ul>	Chosen Option : 4
	<ul> <li>★ 1. 11, 125</li> <li>✓ 2. 13, 172</li> <li>★ 3. 9, 85</li> </ul>	Chosen Option : <b>4</b> ner and one is different. Select the odd one. Question ID : <b>54062615989</b> Status : <b>Answered</b>
	<ul> <li>★ 1. 11, 125</li> <li>✓ 2. 13, 172</li> <li>★ 3. 9, 85</li> </ul>	Chosen Option : <b>4</b> ner and one is different. Select the odd one. Question ID : <b>54062615989</b>
Ans	<ul> <li>1. 11, 125</li> <li>2. 13, 172</li> <li>3. 9, 85</li> <li>4. 8, 68</li> </ul>	Chosen Option : <b>4</b> ner and one is different. Select the odd one. Question ID : <b>54062615989</b> Status : <b>Answered</b> Chosen Option : <b>2</b>
Ans Q.40	<ul> <li>1. 11, 125</li> <li>2. 13, 172</li> <li>3. 9, 85</li> <li>4. 8, 68</li> </ul> In a row, Aman is at the 20th position from the left and Gita is at the 14th p their positions, Aman becomes 30th from the left. Now what is the position	Chosen Option : <b>4</b> ner and one is different. Select the odd one. Question ID : <b>54062615989</b> Status : <b>Answered</b> Chosen Option : <b>2</b>
Ans Q.40	<ul> <li>1. 11, 125</li> <li>2. 13, 172</li> <li>3. 9, 85</li> <li>4. 8, 68</li> </ul> In a row, Aman is at the 20th position from the left and Gita is at the 14th provided their positions, Aman becomes 30th from the left. Now what is the position 1. 24th	Chosen Option : <b>4</b> ner and one is different. Select the odd one. Question ID : <b>54062615989</b> Status : <b>Answered</b> Chosen Option : <b>2</b>
Ans Q.40	<ul> <li>1. 11, 125</li> <li>2. 13, 172</li> <li>3. 9, 85</li> <li>4. 8, 68</li> </ul> In a row, Aman is at the 20th position from the left and Gita is at the 14th provide their positions, Aman becomes 30th from the left. Now what is the position 1. 24th 2. 22nd	Chosen Option : <b>4</b> ner and one is different. Select the odd one. Question ID : <b>54062615989</b> Status : <b>Answered</b> Chosen Option : <b>2</b>
Ans Q.40	<ul> <li>1. 11, 125</li> <li>2. 13, 172</li> <li>3. 9, 85</li> <li>4. 8, 68</li> </ul> In a row, Aman is at the 20th position from the left and Gita is at the 14th p their positions, Aman becomes 30th from the left. Now what is the position <ul> <li>1. 24th</li> <li>2. 22nd</li> <li>3. 25th</li> </ul>	Chosen Option : <b>4</b> ner and one is different. Select the odd one. Question ID : <b>54062615989</b> Status : <b>Answered</b> Chosen Option : <b>2</b>
Ans Q.40	<ul> <li>1. 11, 125</li> <li>2. 13, 172</li> <li>3. 9, 85</li> <li>4. 8, 68</li> </ul> In a row, Aman is at the 20th position from the left and Gita is at the 14th provide their positions, Aman becomes 30th from the left. Now what is the position 1. 24th 2. 22nd	Chosen Option : <b>4</b> ner and one is different. Select the odd one. Question ID : <b>54062615989</b> Status : <b>Answered</b> Chosen Option : <b>2</b>
Ans Q.40	<ul> <li>1. 11, 125</li> <li>2. 13, 172</li> <li>3. 9, 85</li> <li>4. 8, 68</li> </ul> In a row, Aman is at the 20th position from the left and Gita is at the 14th p their positions, Aman becomes 30th from the left. Now what is the position <ul> <li>1. 24th</li> <li>2. 22nd</li> <li>3. 25th</li> </ul>	Chosen Option : 4 ner and one is different. Select the odd one. Question ID : 54062615989 Status : Answered Chosen Option : 2 position from the right. If they interchange of Gita from the right?
Ans	<ul> <li>1. 11, 125</li> <li>2. 13, 172</li> <li>3. 9, 85</li> <li>4. 8, 68</li> </ul> In a row, Aman is at the 20th position from the left and Gita is at the 14th p their positions, Aman becomes 30th from the left. Now what is the position <ul> <li>1. 24th</li> <li>2. 22nd</li> <li>3. 25th</li> </ul>	Chosen Option : <b>4</b> ner and one is different. Select the odd one. Question ID : <b>54062615989</b> Status : <b>Answered</b> Chosen Option : <b>2</b>

<b>Q.41</b> Select the option that is related to the third term in the same way as the second term	Select the option that is related to the third term in the same way as the second term is related to the first term.	
Snakes : Hiss : : Elephants : ?	Snakes : Hiss : : Elephants : ?	
Ans 🗙 1. Bray		
🖌 2. Trumpet		
X 3. Quack		
X 4. Hoot		
- Antipercented and		
	Question ID : 54062615982 Status : Answered	
	Chosen Option : 4	
Q.42 Select the letter-cluster that can replace the question mark (?) in t	the following series	
r r	the following series.	
AGM, BFP, CES, DDV, ?		
T LLC		
× 2. FFG		
✓ 3. ECY		
X 4. FGH		
	Question ID : 54062615979	
	Status : Answered	
	Chosen Option : 3	
Q.43 दिए गए चार शब्दों में से तीन शब्द एक निश्चित तरीके से समान हैं और एक भिन्न है। वि	षम शब्द का चयन कीजिए।	
Ans 🗙 1. आयत		
Х 2. वर्ग		
🗙 ३. समचतुर्भुज		
🖌 ४. घनाभ		
	Question ID : 54062615980	
	Status : Answered	
	Chosen Option : 4	
<b>Q.44</b> Four letter-clusters have been given out of which three are alike in some manner and one is	different. Select the odd one.	
Ans 🗙 1. MQTV		
2. OSVZ		
× 3. LPSU		
× 4. FJMO		
	Question ID : 54062615981	
	Status : <b>Answered</b> Chosen Option : <b>2</b>	



Q.47	Four figures have been given out of which three are alike in some manne.	r and one is different.
	Select the one that is different.	
Ans		
	★ 1.	
	★ 2.	
	✓ 3.	
	<b>★</b> 4.	
		Question ID : <b>54062615994</b> Status : <b>Answered</b> Chosen Option : <b>2</b>
01 0		
Q.48	In a certain code language,	
Q.40	In a certain code language, SIP DIP GIP means 'Ram and Sita' DIP TIN TO means 'Ram is handsome' GIP TO PIC means 'Sita is beautiful'	
Q.40	SIP DIP GIP means 'Ram and Sita' DIP TIN TO means 'Ram is handsome'	
Q.48	SIP DIP GIP means 'Ram and Sita' DIP TIN TO means 'Ram is handsome' GIP TO PIC means 'Sita is beautiful'	
	SIP DIP GIP means 'Ram and Sita' DIP TIN TO means 'Ram is handsome' GIP TO PIC means 'Sita is beautiful' Which of the following is the code for 'Sita'?	
	SIP DIP GIP means 'Ram and Sita' DIP TIN TO means 'Ram is handsome' GIP TO PIC means 'Sita is beautiful' Which of the following is the code for 'Sita'? ✓ 1. GIP ズ 2. PIC ズ 3. TO	
	SIP DIP GIP means 'Ram and Sita' DIP TIN TO means 'Ram is handsome' GIP TO PIC means 'Sita is beautiful' Which of the following is the code for 'Sita'? 1. GIP 2. PIC	
	SIP DIP GIP means 'Ram and Sita' DIP TIN TO means 'Ram is handsome' GIP TO PIC means 'Sita is beautiful' Which of the following is the code for 'Sita'? ✓ 1. GIP ズ 2. PIC ズ 3. TO	Question ID : <b>54062615984</b>
	SIP DIP GIP means 'Ram and Sita' DIP TIN TO means 'Ram is handsome' GIP TO PIC means 'Sita is beautiful' Which of the following is the code for 'Sita'? ✓ 1. GIP ズ 2. PIC ズ 3. TO	Status : Answered
	SIP DIP GIP means 'Ram and Sita' DIP TIN TO means 'Ram is handsome' GIP TO PIC means 'Sita is beautiful' Which of the following is the code for 'Sita'? ✓ 1. GIP ズ 2. PIC ズ 3. TO	
	SIP DIP GIP means 'Ram and Sita' DIP TIN TO means 'Ram is handsome' GIP TO PIC means 'Sita is beautiful' Which of the following is the code for 'Sita'? ✓ 1. GIP ズ 2. PIC ズ 3. TO	Status : Answered
	SIP DIP GIP means 'Ram and Sita' DIP TIN TO means 'Ram is handsome' GIP TO PIC means 'Sita is beautiful' Which of the following is the code for 'Sita'? ✓ 1. GIP ズ 2. PIC ズ 3. TO	Status : Answered
	SIP DIP GIP means 'Ram and Sita' DIP TIN TO means 'Ram is handsome' GIP TO PIC means 'Sita is beautiful' Which of the following is the code for 'Sita'? ✓ 1. GIP ズ 2. PIC ズ 3. TO	Status : Answered
	SIP DIP GIP means 'Ram and Sita' DIP TIN TO means 'Ram is handsome' GIP TO PIC means 'Sita is beautiful' Which of the following is the code for 'Sita'? ✓ 1. GIP ズ 2. PIC ズ 3. TO	Status : Answered
	SIP DIP GIP means 'Ram and Sita' DIP TIN TO means 'Ram is handsome' GIP TO PIC means 'Sita is beautiful' Which of the following is the code for 'Sita'? ✓ 1. GIP ズ 2. PIC ズ 3. TO	Status : Answered

Q.49	'G', 'E' का बेटा है और 'E','B' का भाई है, तो 'E', 'F' से कैसे संबंधित है?	
Ans	uns 🗙 1. भाई	
	🖌 २. मामा	
	🗙 ३. पिता	
	🗙 ४. दादाजी/नानाजी	
		Question ID : <b>54062615987</b> Status : <b>Answered</b> Chosen Option : <b>2</b>
Q.50	Select the option that is related to the fourth term in the same way as the first term is DGJ : KNQ : : ? : MPS	related to the second term.
Ans	× 1. EIL	
	<b>×</b> 2. EJK	
	X 3. FJK	
	✓ 4. FIL	
		Question ID : 54062615983 Status : Answered Chosen Option : 4