पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)

POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

Corporate Centre, "Saudamini", Plot No. 2, Sector – 29, Gurugram, Haryana – 122001
E-mail- recruitment@powergrid.in

Recruitment of Diploma Trainee (Electrical/Civil/Electronics)
Against Advt. No.: CC/06/2023 dated 01.09.2023
Computer Based Test on 5-12-2023

Please take a colored printout of this admit card in PORTRAIT MODE

ADMIT CARD

For Written Test through CBT Mode for Diploma Trainee (Electrical/Civil/Electronics)

Post Name	Diploma Trainee -Electrical	Name of Region	NR-III Lucknow
Candidate Name	BABITA KUMARI		
Guardian Name	PREM KUMAR SINGH	Registration ID	16994
Date of Test	5th December 2023	Date of Birth	31-07-1998
Roll Number	3245120009	PwBD Status	NO
Category	OBC (NCL)	PwBD Category	N.A
Mobile Number	8707303278	PwBD Sub-Category	N.A
Nearest Railway Station to Test Centre	VARANASI	Ex-Servicemen Status	No

Mailing Address : VILLAGE- BHARUHIIYA POST- KHAJURAUL,NARYANPUR,MIRZAPUR,MIRZAPUR,UTTAR PRADESH India,231305

Test Venue Address : Dr. Ghanshyam Singh College Of Education
Gosaaipur, Mohaav, Azamgarh Road 8 KM from Pandeypur, , , Varanasi, Uttar Pradesh, India - 221101

Reporting Time	03:00 PM		Examination Time	04:30 PM-06:30 PM	
Registration Time	03:00 PM-04:00 PM		Gate Closure Time	04:00 PM	
Negative Marks for wrong answer	1/4th		No. of Questions	170 (Part I - 120, Part II - 50)	
Qualifying Marks	For UR & EWS Vacancy	40%	Total No. of Sections in the Test (Multiple Choice Questions)	**Part-I** Technical Knowledge Test (TKT)	**Part-II** Supervisory Aptitude Test (SAT)
	For Reserved Vacancies	30%			

To be signed at the venue

Candidate's Signature	**Invigilator's Signature**
With best wishes, Date:	**Deputy General Manager, HR-Rectt**

Student Details

Participant Id:	3245120009
Participant Name:	BABITA KUMARI
Branch / Subject:	Diploma Trainee Electrical
Participant Category:	OBC
Shift of the Exam:	4:30 PM - 6:30 PM
Raw Marks:	125.250
Discuss Objection:	

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
POWER GRID CORPORATION OF INDIA LIMITED
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Participant ID	3245120009
Participant Name	BABITA KUMARI
Test Center Name	Dr. Ghanshyam Singh College Of Education
Test Date	05/12/2023
Test Time	4:30 PM - 6:30 PM
Subject	Diploma Trainee Electrical

Section : **Electrical Engineering**

Q.1 When selecting an MCCB (Molded Case Circuit Breaker) for motors, which factor is crucial?

Ans
✗ 1. Brand reputation
✗ 2. Motor weight
✗ 3. Colour of MCCB
✓ 4. Motor starting current

Question ID : **630680485803**
Option 1 ID : **6306801897428**
Option 2 ID : **6306801897430**
Option 3 ID : **6306801897427**
Option 4 ID : **6306801897429**
Status : **Answered**
Chosen Option : **4**

Q.2 What is the formula to calculate the receiving end voltage of a distributor?

Ans
✗ 1. Receiving End Voltage = Sending End Voltage + Voltage Drop
✗ 2. Receiving End Voltage = Voltage Drop / Sending End Voltage
✓ 3. Receiving End Voltage = Sending End Voltage - Voltage Drop
✗ 4. Receiving End Voltage = Sending End Voltage × Voltage Drop

Question ID : **630680485765**
Option 1 ID : **6306801897275**
Option 2 ID : **6306801897278**
Option 3 ID : **6306801897276**
Option 4 ID : **6306801897277**
Status : **Answered**
Chosen Option : **3**

Q.3 **Which factor is essential in the design of HT LT overhead lines?**

Ans
- ✗ 1. Colour of insulators
- ✗ 2. Proximity to birds' nests
- ✓ 3. Distance from the ground
- ✗ 4. Nearby vegetation type

Question ID : **630680485770**
Option 1 ID : **6306801897297**
Option 2 ID : **6306801897295**
Option 3 ID : **6306801897296**
Option 4 ID : **6306801897298**
Status : **Answered**
Chosen Option : **3**

Q.4 **The voltage transformation ratio of a transformer is the ratio of:**

Ans
- ✗ 1. Primary to secondary resistance
- ✓ 2. Primary to secondary voltage
- ✗ 3. Secondary to primary voltage
- ✗ 4. Secondary to primary resistance

Question ID : **630680485724**
Option 1 ID : **6306801897111**
Option 2 ID : **6306801897113**
Option 3 ID : **6306801897112**
Option 4 ID : **6306801897114**
Status : **Answered**
Chosen Option : **2**

Q.5 **How is the voltage regulation of a short transmission line typically determined?**

Ans
- ✗ 1. By analyzing transient conditions
- ✓ 2. By considering the line's impedance
- ✗ 3. By measuring the conductor diameter
- ✗ 4. By measuring the line length

Question ID : **630680485759**
Option 1 ID : **6306801897252**
Option 2 ID : **6306801897253**
Option 3 ID : **6306801897254**
Option 4 ID : **6306801897251**
Status : **Not Answered**
Chosen Option : **--**

Q.6 **In mesh analysis, which of the following is true?**

Ans
- ✗ 1. Only outer loops are considered.
- ✗ 2. All loops are considered simultaneously.
- ✗ 3. Both inner and outer loops are considered.
- ✓ 4. Only one loop is considered at a time.

Question ID : **630680485690**
Option 1 ID : **6306801896977**
Option 2 ID : **6306801896976**
Option 3 ID : **6306801896978**
Option 4 ID : **6306801896975**
Status : **Answered**
Chosen Option : **4**

Q.7 **The Schering bridge is used to measure _____.**

Ans
- ✗ 1. Frequency
- ✗ 2. Inductance
- ✓ 3. Capacitance
- ✗ 4. Resistance

Question ID : **630680485709**
Option 1 ID : **6306801897054**
Option 2 ID : **6306801897052**
Option 3 ID : **6306801897053**
Option 4 ID : **6306801897051**
Status : **Answered**
Chosen Option : **3**

Q.8 **The time required for half of the radioactive atoms in a sample to decay is called _____.**

Ans
- ✗ 1. Radioactive decay
- ✗ 2. Decay constant
- ✗ 3. Full-life
- ✓ 4. Half-life

Question ID : **630680485742**
Option 1 ID : **6306801897184**
Option 2 ID : **6306801897183**
Option 3 ID : **6306801897186**
Option 4 ID : **6306801897185**
Status : **Answered**
Chosen Option : **4**

Q.9 **In node analysis, which element is taken as a reference?**

Ans
- ✗ 1. Node with minimum branches
- ✓ 2. Ground or zero voltage node
- ✗ 3. Highest voltage node
- ✗ 4. Node with maximum branches

Question ID : **630680485691**
Option 1 ID : **6306801896982**
Option 2 ID : **6306801896980**
Option 3 ID : **6306801896979**
Option 4 ID : **6306801896981**
Status : **Answered**
Chosen Option : **2**

Q.10 **In a medium transmission line, if the received power is 800 kW and the transmitted power is 850 kW, what is the transmission efficiency?**

Ans
- ✗ 1. 55.29%
- ✗ 2. 5.88%
- ✗ 3. 94.59%
- ✓ 4. 94.12%

Question ID : **630680485761**
Option 1 ID : **6306801897262**
Option 2 ID : **6306801897261**
Option 3 ID : **6306801897260**
Option 4 ID : **6306801897259**
Status : **Answered**
Chosen Option : **4**

Q.11 **Which of the following statements best describes the Corona effect in Extra High Voltage (EHV) transmission lines?**

Ans
✗ 1. It is the effect where the transmission line starts to resonate at its natural frequency due to external disturbances.

✓ 2. It is the phenomenon where a bluish glow appears along with a hissing noise around the conductors.

✗ 3. It is the effect where the transmission line heats up excessively due to high current flow.

✗ 4. It is the phenomenon where the insulation of the transmission line gets permanently damaged due to high voltage.

Question ID : **630680485788**
Option 1 ID : **6306801897369**
Option 2 ID : **6306801897368**
Option 3 ID : **6306801897370**
Option 4 ID : **6306801897367**
Status : **Answered**
Chosen Option : **2**

Q.12 **Which test signal is used to determine the steady-state error of a system?**

Ans
✗ 1. Sinusoidal Signal

✗ 2. Ramp Signal

✓ 3. Step Signal

✗ 4. Impulse Signal

Question ID : **630680485785**
Option 1 ID : **6306801897358**
Option 2 ID : **6306801897356**
Option 3 ID : **6306801897357**
Option 4 ID : **6306801897355**
Status : **Answered**
Chosen Option : **1**

Q.13 **The e.m.f. generated in a DC generator can be increased by:**

Ans
✗ 1. Decreasing the number of turns in the coil

✗ 2. Decreasing the flux per pole

✓ 3. Increasing the speed of the generator

✗ 4. Using a smaller coil

Question ID : **630680485714**
Option 1 ID : **6306801897071**
Option 2 ID : **6306801897072**
Option 3 ID : **6306801897073**
Option 4 ID : **6306801897074**
Status : **Answered**
Chosen Option : **3**

Q.14 **Which bridge is used for the measurement of inductance?**

Ans
- ✗ 1. Kelvin's bridge
- ✓ 2. Maxwell's bridge
- ✗ 3. Wheatstone bridge
- ✗ 4. Anderson's bridge

Question ID : **630680485708**
Option 1 ID : **6306801897048**
Option 2 ID : **6306801897047**
Option 3 ID : **6306801897049**
Option 4 ID : **6306801897050**
Status : **Answered**
Chosen Option : **2**

Q.15 **The synchronous motor runs at a speed that is synchronized with _____.**

Ans
- ✓ 1. Supply frequency
- ✗ 2. Stator speed
- ✗ 3. Load torque
- ✗ 4. Rotor speed

Question ID : **630680485735**
Option 1 ID : **6306801897155**
Option 2 ID : **6306801897158**
Option 3 ID : **6306801897156**
Option 4 ID : **6306801897157**
Status : **Answered**
Chosen Option : **1**

Q.16 **In a power system, reactive power is primarily due to _____.**

Ans
- ✓ 1. Inductive loads
- ✗ 2. Capacitive loads
- ✗ 3. Purely active loads
- ✗ 4. Resistive loads

Question ID : **630680485705**
Option 1 ID : **6306801897037**
Option 2 ID : **6306801897036**
Option 3 ID : **6306801897038**
Option 4 ID : **6306801897035**
Status : **Answered**
Chosen Option : **1**

Q.17 **Which principle ensures safety against electric shock during electrical installations?**

Ans
- ✗ 1. Keeping a first aid kit nearby
- ✓ 2. Insulation of live parts
- ✗ 3. Using a flashlight in dark areas
- ✗ 4. Wearing a helmet during installations

Question ID : **630680485766**
Option 1 ID : **6306801897282**
Option 2 ID : **6306801897279**
Option 3 ID : **6306801897281**
Option 4 ID : **6306801897280**
Status : **Answered**
Chosen Option : **2**

Q.18 The demand factor is the ratio of _____.

Ans
1. Average load to connected load
2. Maximum demand to connected load
3. Connected load to average load
4. Connected load to maximum demand

Question ID : **630680485752**
Option 1 ID : **6306801897225**
Option 2 ID : **6306801897223**
Option 3 ID : **6306801897226**
Option 4 ID : **6306801897224**
Status : **Answered**
Chosen Option : **2**

Q.19 In a two-port network, the short-circuit admittance parameter Y21 represents _____.

Ans
1. Transfer admittance from output to input
2. Input admittance with output short-circuited
3. Output admittance with input short-circuited
4. Transfer admittance from input to output

Question ID : **630680485698**
Option 1 ID : **6306801897007**
Option 2 ID : **6306801897009**
Option 3 ID : **6306801897010**
Option 4 ID : **6306801897008**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Which type of position encoder uses light and sensors to determine position?

Ans
1. Magnetic Encoder
2. Optical Encoder
3. Resistive Encoder
4. Capacitive Encoder

Question ID : **630680485784**
Option 1 ID : **6306801897354**
Option 2 ID : **6306801897353**
Option 3 ID : **6306801897352**
Option 4 ID : **6306801897351**
Status : **Answered**
Chosen Option : **2**

Q.21 In an overcurrent relay, the time of operation is inversely proportional to _____.

Ans
1. The square of the current
2. The voltage
3. The frequency
4. The cube of the current

Question ID : **630680485807**
Option 1 ID : **6306801897443**
Option 2 ID : **6306801897445**
Option 3 ID : **6306801897446**
Option 4 ID : **6306801897444**
Status : **Not Answered**
Chosen Option : **--**

Q.22 The primary purpose of a DC motor starter is to:

Ans
- ✗ 1. Improve efficiency
- ✗ 2. Enhance power factor
- ✗ 3. Increase the motor speed
- ✓ 4. Limit the starting current

Question ID : **630680485718**
Option 1 ID : **6306801897089**
Option 2 ID : **6306801897090**
Option 3 ID : **6306801897087**
Option 4 ID : **6306801897088**
Status : **Answered**
Chosen Option : **4**

Q.23 Which Boolean operation is represented by the multiplication of two binary variables?

Ans
- ✗ 1. NOT operation
- ✗ 2. OR operation
- ✓ 3. AND operation
- ✗ 4. XOR operation

Question ID : **630680485779**
Option 1 ID : **6306801897333**
Option 2 ID : **6306801897331**
Option 3 ID : **6306801897332**
Option 4 ID : **6306801897334**
Status : **Answered**
Chosen Option : **3**

Q.24 In a homo-polar transmission line, which of the following is a significant challenge that needs to be addressed?

Ans
- ✓ 1. Mitigating the direct current magnetic fields
- ✗ 2. Increasing the line capacitance
- ✗ 3. Reduction of skin effect
- ✗ 4. Balancing the three phases

Question ID : **630680485789**
Option 1 ID : **6306801897373**
Option 2 ID : **6306801897374**
Option 3 ID : **6306801897371**
Option 4 ID : **6306801897372**
Status : **Answered**
Chosen Option : **1**

Q.25 Wind power density is directly proportional to _____.

Ans
- ✓ 1. Wind speed cubed
- ✗ 2. Wind speed squared
- ✗ 3. Wind speed
- ✗ 4. Square root of wind speed

Question ID : **630680485750**
Option 1 ID : **6306801897217**
Option 2 ID : **6306801897216**
Option 3 ID : **6306801897215**
Option 4 ID : **6306801897218**
Status : **Answered**
Chosen Option : **1**

Q.26 **Armature reaction in a DC generator primarily affects:**

Ans
- ✗ 1. Efficiency
- ✗ 2. Power factor
- ✓ 3. Generated voltage
- ✗ 4. Speed of the generator

Question ID : **630680485715**
Option 1 ID : **6306801897078**
Option 2 ID : **6306801897077**
Option 3 ID : **6306801897075**
Option 4 ID : **6306801897076**
Status : **Answered**
Chosen Option : **3**

Q.27 **What does Norton's theorem help determine the equivalent of?**

Ans
- ✗ 1. Resistance
- ✗ 2. Voltage Source
- ✗ 3. Capacitance
- ✓ 4. Current Source

Question ID : **630680485692**
Option 1 ID : **6306801896985**
Option 2 ID : **6306801896983**
Option 3 ID : **6306801896986**
Option 4 ID : **6306801896984**
Status : **Answered**
Chosen Option : **4**

Q.28 **Which logic gate gives a high output only when both its inputs are low?**

Ans
- ✗ 1. NAND gate
- ✗ 2. AND gate
- ✓ 3. NOR gate
- ✗ 4. OR gate

Question ID : **630680485778**
Option 1 ID : **6306801897330**
Option 2 ID : **6306801897327**
Option 3 ID : **6306801897329**
Option 4 ID : **6306801897328**
Status : **Answered**
Chosen Option : **3**

Q.29 **What is a crucial factor to consider when preparing a detailed electrical estimate?**

Ans
- ✗ 1. Colour of wires
- ✓ 2. Load requirements
- ✗ 3. Brand of equipment
- ✗ 4. Office location

Question ID : **630680485767**
Option 1 ID : **6306801897283**
Option 2 ID : **6306801897285**
Option 3 ID : **6306801897284**
Option 4 ID : **6306801897286**
Status : **Answered**
Chosen Option : **2**

Q.30 What is the formula for calculating the transmission efficiency of short transmission lines?

Ans
1. Efficiency = Transmitted power / Received power
2. Efficiency = (Received power / Transmitted power) × 100
3. Efficiency = 1 - (Received power / Transmitted power)
4. Efficiency = (Transmitted power - Received power) / Transmitted power

Question ID : **630680485760**
Option 1 ID : **6306801897256**
Option 2 ID : **6306801897255**
Option 3 ID : **6306801897258**
Option 4 ID : **6306801897257**
Status : **Answered**
Chosen Option : **2**

Q.31 What is the primary factor affecting the inductance of a transmission line?

Ans
1. Length of the transmission line
2. Conductor material
3. Frequency of the signal
4. Temperature of the surrounding environment

Question ID : **630680485755**
Option 1 ID : **6306801897237**
Option 2 ID : **6306801897236**
Option 3 ID : **6306801897235**
Option 4 ID : **6306801897238**
Status : **Answered**
Chosen Option : **1**

Q.32 The load angle in a synchronous motor indicates the angle between _____.

Ans
1. Supply voltage and rotor current
2. Stator magnetic field and rotor current
3. Rotor magnetic field and supply voltage
4. Rotor and stator magnetic fields

Question ID : **630680485736**
Option 1 ID : **6306801897160**
Option 2 ID : **6306801897162**
Option 3 ID : **6306801897161**
Option 4 ID : **6306801897159**
Status : **Answered**
Chosen Option : **4**

Q.33 Given a single-phase transformer with a turns ratio of 10:1, a primary voltage of 220V, and a frequency of 50Hz, if the flux in the core is sinusoidal and has a maximum value of 0.02 Wb, what is the peak value of the induced EMF in the secondary winding?

Ans
1. 440V
2. 2200V
3. 628V
4. 314V

Question ID : **630680485722**
Option 1 ID : **6306801897103**
Option 2 ID : **6306801897104**
Option 3 ID : **6306801897106**
Option 4 ID : **6306801897105**
Status : **Answered**
Chosen Option : **4**

Q.34 The slip of an induction motor is 0 when the motor is:

Ans
1. Running at maximum torque
2. Overloaded
3. Running at synchronous speed
4. At standstill

Question ID : **630680485729**
Option 1 ID : **6306801897133**
Option 2 ID : **6306801897134**
Option 3 ID : **6306801897132**
Option 4 ID : **6306801897131**
Status : **Answered**
Chosen Option : **3**

Q.35 औद्योगिक प्रतिष्ठानों में, मशीनरी के लिए कौन सा डिज़ाइन विचार महत्वपूर्ण है?

Ans
1. खिड़कियों से निकटता
2. पर्याप्त बिजली आपूर्ति
3. मुख्य गेट से दूरी
4. रंग समन्वय

Question ID : **630680485768**
Option 1 ID : **6306801897287**
Option 2 ID : **6306801897289**
Option 3 ID : **6306801897288**
Option 4 ID : **6306801897290**
Status : **Answered**
Chosen Option : **2**

Q.36 Which diode is specifically designed to operate in the reverse breakdown region?

Ans
1. Light Emitting Diode
2. Schottky Diode
3. Tunnel Diode
4. Zener Diode

Question ID : **630680485773**
Option 1 ID : **6306801897308**
Option 2 ID : **6306801897309**
Option 3 ID : **6306801897310**
Option 4 ID : **6306801897307**
Status : **Answered**
Chosen Option : **4**

Q.37 Electronic energy meters provide an advantage of _____.

Ans
1. High power consumption
2. Having moving parts
3. High accuracy and reliability
4. Being bulky

Question ID : **630680485710**
Option 1 ID : **6306801897057**
Option 2 ID : **6306801897056**
Option 3 ID : **6306801897058**
Option 4 ID : **6306801897055**
Status : **Answered**
Chosen Option : **3**

Q.38 Plant capacity factor is the ratio of _____.

Ans
- ✗ 1. Average energy to the actual energy
- ✗ 2. Actual energy to the average energy
- ✓ 3. Actual energy produced to the maximum possible energy
- ✗ 4. Maximum possible energy to the actual energy produced

Question ID : **630680485754**
Option 1 ID : **6306801897234**
Option 2 ID : **6306801897233**
Option 3 ID : **6306801897231**
Option 4 ID : **6306801897232**
Status : **Answered**
Chosen Option : **3**

Q.39 In a water-tube boiler, water flows inside the _____.

Ans
- ✓ 1. Tubes and hot gases surround them
- ✗ 2. Tubes and cold gases surround them
- ✗ 3. Outer shell only
- ✗ 4. Combustion chamber

Question ID : **630680485740**
Option 1 ID : **6306801897176**
Option 2 ID : **6306801897177**
Option 3 ID : **6306801897178**
Option 4 ID : **6306801897175**
Status : **Answered**
Chosen Option : **1**

Q.40 A brushless DC motor operates primarily on the principle of:

Ans
- ✗ 1. Synchronous operation
- ✗ 2. Commutation by brushes
- ✗ 3. Variable reluctance
- ✓ 4. Electronic commutation

Question ID : **630680485720**
Option 1 ID : **6306801897098**
Option 2 ID : **6306801897095**
Option 3 ID : **6306801897097**
Option 4 ID : **6306801897096**
Status : **Answered**
Chosen Option : **1**

Q.41 Scott connection in transformers is primarily used for:

Ans
- ✗ 1. Voltage regulation
- ✗ 2. Harmonic reduction
- ✓ 3. Three-phase to two-phase conversion
- ✗ 4. Power factor correction

Question ID : **630680485727**
Option 1 ID : **6306801897125**
Option 2 ID : **6306801897126**
Option 3 ID : **6306801897124**
Option 4 ID : **6306801897123**
Status : **Answered**
Chosen Option : **3**

Q.42 In transmission lines, sag is least affected by:

Ans
✗ 1. Span length
✗ 2. Ice loading
✗ 3. Weight of the conductor
✓ 4. Colour of the conductor

Question ID : **630680485792**
Option 1 ID : **6306801897384**
Option 2 ID : **6306801897385**
Option 3 ID : **6306801897383**
Option 4 ID : **6306801897386**
Status : **Answered**
Chosen Option : **4**

Q.43 When reducing a block diagram, which of the following is NOT a basic configuration?

Ans
✗ 1. Feedback Configuration
✗ 2. Series Configuration
✓ 3. Diagonal Configuration
✗ 4. Parallel Configuration

Question ID : **630680485787**
Option 1 ID : **6306801897365**
Option 2 ID : **6306801897363**
Option 3 ID : **6306801897366**
Option 4 ID : **6306801897364**
Status : **Answered**
Chosen Option : **3**

Q.44 In electric traction, the purpose of sectioning is to _____.

Ans
✓ 1. Divide the overhead equipment into sections
✗ 2. Improve the efficiency
✗ 3. Reduce the current flow
✗ 4. Increase the voltage

Question ID : **630680485793**
Option 1 ID : **6306801897388**
Option 2 ID : **6306801897390**
Option 3 ID : **6306801897389**
Option 4 ID : **6306801897387**
Status : **Answered**
Chosen Option : **1**

Q.45 The primary advantage of using SF6 gas in circuit breakers is its _____.

Ans
✗ 1. Non-flammability
✗ 2. Low cost
✗ 3. Non-toxicity
✓ 4. High dielectric strength

Question ID : **630680485802**
Option 1 ID : **6306801897425**
Option 2 ID : **6306801897423**
Option 3 ID : **6306801897426**
Option 4 ID : **6306801897424**
Status : **Answered**
Chosen Option : **4**

Q.46 **Bio-chemical power plants primarily use which process for energy generation?**

Ans
- ✔ 1. Fermentation
- ✘ 2. Filtration
- ✘ 3. Distillation
- ✘ 4. Combustion

Question ID : **630680485749**
Option 1 ID : **6306801897212**
Option 2 ID : **6306801897214**
Option 3 ID : **6306801897213**
Option 4 ID : **6306801897211**
Status : **Not Answered**
Chosen Option : **--**

Q.47 **Which organization sets the standards for illumination levels in various spaces?**

Ans
- ✔ 1. IESNA
- ✘ 2. ISO
- ✘ 3. IEEE
- ✘ 4. IEC

Question ID : **630680485797**
Option 1 ID : **6306801897404**
Option 2 ID : **6306801897405**
Option 3 ID : **6306801897403**
Option 4 ID : **6306801897406**
Status : **Answered**
Chosen Option : **3**

Q.48 **When a synchronous motor is on load with constant excitation, an increase in load will _____.**

Ans
- ✘ 1. Increase the power factor
- ✔ 2. Decrease the power factor
- ✘ 3. Make the motor run asynchronously
- ✘ 4. Not affect the power factor

Question ID : **630680485737**
Option 1 ID : **6306801897164**
Option 2 ID : **6306801897163**
Option 3 ID : **6306801897166**
Option 4 ID : **6306801897165**
Status : **Answered**
Chosen Option : **2**

Q.49 **A differential relay operates when the difference between the currents in its two coils exceeds?**

Ans
- ✘ 1. 100% of rated current
- ✘ 2. 50% of rated current
- ✘ 3. Zero
- ✔ 4. A preset value

Question ID : **630680485806**
Option 1 ID : **6306801897441**
Option 2 ID : **6306801897440**
Option 3 ID : **6306801897442**
Option 4 ID : **6306801897439**
Status : **Answered**
Chosen Option : **4**

Q.50 The principle on which a DC generator operates is _____.

Ans
✗ 1. Ohm's law
✗ 2. Kirchhoff's voltage law
✓ 3. Faraday's law of electromagnetic induction
✗ 4. Ampere's law

Question ID : **630680485713**
Option 1 ID : **6306801897068**
Option 2 ID : **6306801897070**
Option 3 ID : **6306801897067**
Option 4 ID : **6306801897069**
Status : **Answered**
Chosen Option : **3**

Q.51 For an application requiring high starting torque and low starting current, which type of motor is most suitable?

Ans
✗ 1. Synchronous motor
✓ 2. Slip ring induction motor
✗ 3. Capacitor start motor
✗ 4. Squirrel cage induction motor

Question ID : **630680485733**
Option 1 ID : **6306801897147**
Option 2 ID : **6306801897148**
Option 3 ID : **6306801897149**
Option 4 ID : **6306801897150**
Status : **Answered**
Chosen Option : **2**

Q.52 Wound rotor induction generators are primarily used in wind turbines because they _____.

Ans
✗ 1. Reduce the overall cost
✗ 2. Increase the wind turbine size
✗ 3. Make the turbine noiseless
✓ 4. Allow variable speed operation

Question ID : **630680485751**
Option 1 ID : **6306801897219**
Option 2 ID : **6306801897221**
Option 3 ID : **6306801897222**
Option 4 ID : **6306801897220**
Status : **Answered**
Chosen Option : **4**

Q.53 The VVVF method of speed control stands for:

Ans
✗ 1. Very Voltage Very Frequency
✓ 2. Variable Voltage Variable Frequency
✗ 3. Voltage Vector and Frequency Factor
✗ 4. Voltage Variation and Frequency Fixation

Question ID : **630680485734**
Option 1 ID : **6306801897152**
Option 2 ID : **6306801897151**
Option 3 ID : **6306801897154**
Option 4 ID : **6306801897153**
Status : **Answered**
Chosen Option : **2**

Q.54 What is the result of the inverse Laplace transform of F(s) = 1/s?

Ans
✗ 1. sin(at)
✓ 2. u(t)
✗ 3. e^(-at)
✗ 4. cos(at)

Question ID : **630680485700**
Option 1 ID : **6306801897017**
Option 2 ID : **6306801897015**
Option 3 ID : **6306801897016**
Option 4 ID : **6306801897018**
Status : **Answered**
Chosen Option : **2**

Q.55 In the four quadrant operation of a three-phase induction motor, consider the following scenarios:

I. Motor operates in the forward direction with motoring torque.
II. Motor operates in the reverse direction with regenerative braking.
III. Motor operates in the forward direction with regenerative braking.
IV. Motor operates in the reverse direction with motoring torque.

Which of the following correctly represents the third quadrant of operation?

Ans
✗ 1. III
✓ 2. IV
✗ 3. II
✗ 4. I

Question ID : **630680485731**
Option 1 ID : **6306801897141**
Option 2 ID : **6306801897142**
Option 3 ID : **6306801897140**
Option 4 ID : **6306801897139**
Status : **Answered**
Chosen Option : **2**

Q.56 What is a primary consideration in the design of street lighting?

Ans
✓ 1. Distance between poles
✗ 2. Aesthetic appeal
✗ 3. Colour of the light
✗ 4. Height of nearby buildings

Question ID : **630680485769**
Option 1 ID : **6306801897292**
Option 2 ID : **6306801897291**
Option 3 ID : **6306801897293**
Option 4 ID : **6306801897294**
Status : **Answered**
Chosen Option : **1**

Q.57 **In a parallel RLC circuit operating at a frequency other than its resonant frequency, which of the following statements is true?**

Ans
✔ 1. The total current is either leading or lagging the voltage, depending on the values of R, L, and C.

✘ 2. The total current is always lagging the voltage by 90 degrees.

✘ 3. The total current is always equal to the sum of the individual currents through R, L, and C.

✘ 4. The total current is always in phase with the voltage.

Question ID : **630680485694**
Option 1 ID : **6306801896992**
Option 2 ID : **6306801896993**
Option 3 ID : **6306801896994**
Option 4 ID : **6306801896991**
Status : **Answered**
Chosen Option : **1**

Q.58 **According to Faraday's first law of electromagnetic induction, the induced electromotive force in any closed circuit is equal to:**

Ans
✘ 1. The current flowing through the circuit

✔ 2. The rate of change of the magnetic flux through the circuit

✘ 3. The total magnetic flux through the circuit

✘ 4. The resistance of the circuit

Question ID : **630680485799**
Option 1 ID : **6306801897414**
Option 2 ID : **6306801897411**
Option 3 ID : **6306801897412**
Option 4 ID : **6306801897413**
Status : **Answered**
Chosen Option : **2**

Q.59 **The equivalent resistance of a transformer is used to calculate:**

Ans
✘ 1. Power factor

✘ 2. Core losses

✘ 3. Efficiency

✔ 4. Copper losses

Question ID : **630680485725**
Option 1 ID : **6306801897118**
Option 2 ID : **6306801897115**
Option 3 ID : **6306801897117**
Option 4 ID : **6306801897116**
Status : **Answered**
Chosen Option : **4**

Q.60 **Which technique involves combining blocks in series or parallel to simplify a block diagram?**

Ans
- ✗ 1. Nyquist Stability Criterion
- ✗ 2. Routh-Hurwitz Criterion
- ✗ 3. Mason's Gain Formula
- ✓ 4. Block Diagram Reduction

Question ID : **630680485782**
Option 1 ID : **6306801897346**
Option 2 ID : **6306801897344**
Option 3 ID : **6306801897343**
Option 4 ID : **6306801897345**
Status : **Answered**
Chosen Option : **4**

Q.61 **Which transformation is used to simplify a three-resistor network?**

A) Star to Delta
B) Delta to Star

Ans
- ✗ 1. Neither A nor B
- ✗ 2. Both A and B
- ✗ 3. Only A
- ✓ 4. Only B

Question ID : **630680485689**
Option 1 ID : **6306801896974**
Option 2 ID : **6306801896973**
Option 3 ID : **6306801896971**
Option 4 ID : **6306801896972**
Status : **Answered**
Chosen Option : **2**

Q.62 **The torque in a three-phase induction motor is maximum at a slip of:**

Ans
- ✓ 1. Between 0 and 1
- ✗ 2. 0
- ✗ 3. Greater than 1
- ✗ 4. 1

Question ID : **630680485730**
Option 1 ID : **6306801897137**
Option 2 ID : **6306801897135**
Option 3 ID : **6306801897138**
Option 4 ID : **6306801897136**
Status : **Answered**
Chosen Option : **1**

Q.63 **Which characteristic of an instrument defines its behaviour during rapid changes in the measurand?**

Ans
- ✗ 1. Static
- ✓ 2. Dynamic
- ✗ 3. Precision
- ✗ 4. Accuracy

Question ID : **630680485702**
Option 1 ID : **6306801897023**
Option 2 ID : **6306801897024**
Option 3 ID : **6306801897026**
Option 4 ID : **6306801897025**
Status : **Answered**
Chosen Option : **2**

Q.64 **For parallel operation of transformers, which of the following conditions is NOT essential?**

Ans
- ✗ 1. Same frequency
- ✓ 2. Same kVA rating
- ✗ 3. Same polarity
- ✗ 4. Same voltage ratio

Question ID : **630680485728**
Option 1 ID : **6306801897129**
Option 2 ID : **6306801897128**
Option 3 ID : **6306801897130**
Option 4 ID : **6306801897127**
Status : **Answered**
Chosen Option : **2**

Q.65 **For maximum power transfer in AC circuits, the load impedance should be _____.**

Ans
- ✓ 1. Conjugate of source impedance
- ✗ 2. Equal to source impedance
- ✗ 3. Double of source impedance
- ✗ 4. Half of source impedance

Question ID : **630680485693**
Option 1 ID : **6306801896988**
Option 2 ID : **6306801896987**
Option 3 ID : **6306801896990**
Option 4 ID : **6306801896989**
Status : **Answered**
Chosen Option : **2**

Q.66 **The dynamometer type wattmeter operates on the principle of _____.**

Ans
- ✓ 1. Electromagnetic induction
- ✗ 2. Electrostatic induction
- ✗ 3. Self induction
- ✗ 4. Mutual induction

Question ID : **630680485704**
Option 1 ID : **6306801897033**
Option 2 ID : **6306801897034**
Option 3 ID : **6306801897032**
Option 4 ID : **6306801897031**
Status : **Answered**
Chosen Option : **1**

Q.67 For a sinusoidal waveform, the RMS value is approximately what fraction of the peak value?

Ans
- ✗ 1. 1
- ✗ 2. 0.5
- ✗ 3. 0.9
- ✓ 4. 0.707

Question ID : **630680485774**
Option 1 ID : **6306801897314**
Option 2 ID : **6306801897311**
Option 3 ID : **6306801897313**
Option 4 ID : **6306801897312**
Status : **Answered**
Chosen Option : **4**

Q.68 The form factor of an AC waveform is defined as the ratio of _____.

Ans
- ✓ 1. RMS value to the average value
- ✗ 2. RMS value to the peak value
- ✗ 3. Peak value to the RMS value
- ✗ 4. Average value to the RMS value

Question ID : **630680485801**
Option 1 ID : **6306801897419**
Option 2 ID : **6306801897422**
Option 3 ID : **6306801897421**
Option 4 ID : **6306801897420**
Status : **Answered**
Chosen Option : **1**

Q.69 What is a distinct advantage of the Ring distribution system over radial distribution?

Ans
- ✗ 1. Simpler design and construction
- ✗ 2. Lower maintenance costs
- ✓ 3. Increased reliability due to multiple paths for power flow
- ✗ 4. Reduced material usage

Question ID : **630680485764**
Option 1 ID : **6306801897272**
Option 2 ID : **6306801897274**
Option 3 ID : **6306801897271**
Option 4 ID : **6306801897273**
Status : **Answered**
Chosen Option : **3**

Q.70 PMMC (Permanent magnet moving coil) instruments are suitable for _____.

Ans
- ✗ 1. AC measurements
- ✗ 2. Neither AC nor DC
- ✓ 3. DC measurements
- ✗ 4. Both AC and DC

Question ID : **630680485706**
Option 1 ID : **6306801897039**
Option 2 ID : **6306801897042**
Option 3 ID : **6306801897040**
Option 4 ID : **6306801897041**
Status : **Answered**
Chosen Option : **3**

Q.71 **Francis turbines are best suited for _____.**

Ans
- ✗ 1. High head and low flow rates
- ✓ 2. Medium head and medium flow rates
- ✗ 3. Low head and high flow rates
- ✗ 4. Very high head and very low flow rates

Question ID : **630680485746**
Option 1 ID : **6306801897200**
Option 2 ID : **6306801897201**
Option 3 ID : **6306801897199**
Option 4 ID : **6306801897202**
Status : **Answered**
Chosen Option : **2**

Q.72 **Which component in a CSP plant focuses sunlight onto a target?**

Ans
- ✓ 1. Mirror or lens
- ✗ 2. Photovoltaic cell
- ✗ 3. Battery storage
- ✗ 4. Inverter

Question ID : **630680485748**
Option 1 ID : **6306801897209**
Option 2 ID : **6306801897207**
Option 3 ID : **6306801897210**
Option 4 ID : **6306801897208**
Status : **Not Answered**
Chosen Option : **--**

Q.73 **The overall efficiency of a steam power plant is defined as the ratio of _____.**

Ans
- ✗ 1. Electrical energy output to the mechanical energy input
- ✓ 2. Electrical energy output to the heat energy input
- ✗ 3. Mechanical energy output to the heat energy input
- ✗ 4. Heat energy output to the electrical energy input

Question ID : **630680485739**
Option 1 ID : **6306801897172**
Option 2 ID : **6306801897173**
Option 3 ID : **6306801897171**
Option 4 ID : **6306801897174**
Status : **Answered**
Chosen Option : **2**

Q.74 **Why is transposition of conductors necessary in transmission lines?**

Ans
- ✓ 1. To reduce the inductance of the line
- ✗ 2. To increase line losses
- ✗ 3. To improve the efficiency of the line
- ✗ 4. To increase the capacitance of the line

Question ID : **630680485757**
Option 1 ID : **6306801897245**
Option 2 ID : **6306801897243**
Option 3 ID : **6306801897244**
Option 4 ID : **6306801897246**
Status : **Answered**
Chosen Option : **1**

Q.75 **The primary function of an ELCB (Earth leakage circuit breaker) is to detect _____.**

Ans
1. Overcurrent
2. Overvoltage
3. Phase imbalance
4. Earth leakage current

Question ID : **630680485804**
Option 1 ID : **6306801897431**
Option 2 ID : **6306801897432**
Option 3 ID : **6306801897434**
Option 4 ID : **6306801897433**
Status : **Answered**
Chosen Option : **4**

Q.76 **The order of a system is determined by:**

Ans
1. Number of feedback loops
2. Number of output signals
3. Highest power of 's' in its transfer function
4. Number of input signals

Question ID : **630680485786**
Option 1 ID : **6306801897359**
Option 2 ID : **6306801897362**
Option 3 ID : **6306801897360**
Option 4 ID : **6306801897361**
Status : **Answered**
Chosen Option : **3**

Q.77 **Which of the following describes the primary difference between a JFET (Junction Field-Effect Transistor) and a MOSFET (Metal-Oxide-Semiconductor Field-Effect Transistor)?**

Ans
1. Gate is voltage-controlled and current flows through it in a MOSFET
2. MOSFETs are unipolar devices while JFETs are bipolar
3. Gate is voltage-controlled and no current flows through it in a MOSFET
4. JFETs use a PN-junction for gating, while MOSFETs use a metal-semiconductor junction

Question ID : **630680485771**
Option 1 ID : **6306801897300**
Option 2 ID : **6306801897301**
Option 3 ID : **6306801897299**
Option 4 ID : **6306801897302**
Status : **Answered**
Chosen Option : **4**

Q.78 **In the armature control method, the speed of the DC motor:**

Ans
1. Becomes zero with increased resistance
2. Increases with increased resistance
3. Decreases with increased resistance
4. Remains constant with increased resistance

Question ID : **630680485719**
Option 1 ID : **6306801897094**
Option 2 ID : **6306801897091**
Option 3 ID : **6306801897092**
Option 4 ID : **6306801897093**
Status : **Answered**
Chosen Option : **3**

Q.79 **Leakage reactance in a transformer is due to:**

Ans
- ✗ 1. Copper losses
- ✗ 2. Mutual flux
- ✗ 3. Core losses
- ✓ 4. Leakage flux

Question ID : **630680485723**
Option 1 ID : **6306801897110**
Option 2 ID : **6306801897107**
Option 3 ID : **6306801897108**
Option 4 ID : **6306801897109**
Status : **Answered**
Chosen Option : **4**

Q.80 **Which type of motor is specifically designed for precise control of angular position?**

Ans
- ✗ 1. DC Motor
- ✓ 2. Servomotor
- ✗ 3. Synchronous Motor
- ✗ 4. Induction Motor

Question ID : **630680485783**
Option 1 ID : **6306801897350**
Option 2 ID : **6306801897348**
Option 3 ID : **6306801897349**
Option 4 ID : **6306801897347**
Status : **Answered**
Chosen Option : **2**

Q.81 **In an AC locomotive, the primary source of power is derived from _____.**

Ans
- ✗ 1. Diesel engine
- ✗ 2. Ground rails
- ✗ 3. Batteries
- ✓ 4. Overhead lines

Question ID : **630680485795**
Option 1 ID : **6306801897396**
Option 2 ID : **6306801897398**
Option 3 ID : **6306801897395**
Option 4 ID : **6306801897397**
Status : **Answered**
Chosen Option : **4**

Q.82 **In a DC motor, the supply voltage is equal to:**

Ans
- ✗ 1. Armature drop minus back e.m.f.
- ✓ 2. Back e.m.f. plus armature drop
- ✗ 3. Back e.m.f. minus armature drop
- ✗ 4. Armature drop divided by back e.m.f.

Question ID : **630680485717**
Option 1 ID : **6306801897085**
Option 2 ID : **6306801897084**
Option 3 ID : **6306801897083**
Option 4 ID : **6306801897086**
Status : **Answered**
Chosen Option : **2**

Q.83 **Instrument systems can be classified based on _____.**

Ans
- ✓ 1. Function and response
- ✗ 2. Weight
- ✗ 3. Colour
- ✗ 4. Size

Question ID : **630680485701**
Option 1 ID : **6306801897021**
Option 2 ID : **6306801897022**
Option 3 ID : **6306801897019**
Option 4 ID : **6306801897020**
Status : **Answered**
Chosen Option : **1**

Q.84 **Which type of error is caused by the aging of an instrument?**

Ans
- ✗ 1. Gross error
- ✗ 2. Random error
- ✓ 3. Systematic error
- ✗ 4. Absolute error

Question ID : **630680485703**
Option 1 ID : **6306801897027**
Option 2 ID : **6306801897029**
Option 3 ID : **6306801897028**
Option 4 ID : **6306801897030**
Status : **Answered**
Chosen Option : **3**

Q.85 **Which of the following is NOT a characteristic of an ideal operational amplifier?**

Ans
- ✗ 1. Zero output impedance
- ✓ 2. Finite open-loop gain
- ✗ 3. Infinite bandwidth
- ✗ 4. Infinite input impedance

Question ID : **630680485776**
Option 1 ID : **6306801897320**
Option 2 ID : **6306801897322**
Option 3 ID : **6306801897321**
Option 4 ID : **6306801897319**
Status : **Answered**
Chosen Option : **2**

Q.86 **Which property of Laplace Transform is used to solve differential equations?**

Ans
- ✗ 1. Initial Value
- ✗ 2. Time Shifting
- ✓ 3. Linearity
- ✗ 4. Frequency Shifting

Question ID : **630680485699**
Option 1 ID : **6306801897014**
Option 2 ID : **6306801897012**
Option 3 ID : **6306801897011**
Option 4 ID : **6306801897013**
Status : **Answered**
Chosen Option : **4**

Q.87 A real-world voltage source that has some internal resistance is termed as:

Ans
✗ 1. Dependent voltage source
✗ 2. Ideal voltage source
✗ 3. Independent voltage source
✓ 4. Non-ideal voltage source

Question ID : **630680485775**
Option 1 ID : **6306801897317**
Option 2 ID : **6306801897315**
Option 3 ID : **6306801897318**
Option 4 ID : **6306801897316**
Status : **Answered**
Chosen Option : **4**

Q.88 The rectifier type AC voltmeter is used to measure _____.

Ans
✗ 1. RMS value
✗ 2. Peak-to-peak value
✓ 3. Average value
✗ 4. Peak value

Question ID : **630680485711**
Option 1 ID : **6306801897060**
Option 2 ID : **6306801897062**
Option 3 ID : **6306801897061**
Option 4 ID : **6306801897059**
Status : **Answered**
Chosen Option : **3**

Q.89 Which equation correctly represents the relationship between self-inductance (L), mutual inductance (M), and the number of turns (N1 and N2) for two closely coupled coils?

Ans
✗ 1. $M = L / (N1 \times N2)$
✗ 2. $L = M / (N1 + N2)$
✓ 3. $M = L \times \sqrt{(N1 \times N2)}$
✗ 4. $L = M \times N1 \times N2$

Question ID : **630680485798**
Option 1 ID : **6306801897408**
Option 2 ID : **6306801897409**
Option 3 ID : **6306801897410**
Option 4 ID : **6306801897407**
Status : **Not Answered**
Chosen Option : **--**

Q.90 परमाणु रिएक्टर में एक श्रृंखला प्रतिक्रिया _____ द्वारा कायम रहती है।

Ans
✗ 1. प्रोटोन
✓ 2. धीमा न्यूट्रॉन
✗ 3. तेज़ न्यूट्रॉन
✗ 4. इलेक्ट्रॉन

Question ID : **630680485744**
Option 1 ID : **6306801897193**
Option 2 ID : **6306801897192**
Option 3 ID : **6306801897191**
Option 4 ID : **6306801897194**
Status : **Answered**
Chosen Option : **3**

Q.91 Diversity factor is always _____.

Ans
1. Zero
2. Equal to one
3. Greater than one
4. Less than one

Question ID : **630680485753**
Option 1 ID : **6306801897230**
Option 2 ID : **6306801897228**
Option 3 ID : **6306801897229**
Option 4 ID : **6306801897227**
Status : **Answered**
Chosen Option : **3**

Q.92 What is the purpose of calculating string efficiency in transmission lines?

Ans
1. To optimize conductor material
2. To calculate inductance
3. To minimize line losses
4. To determine the capacitance

Question ID : **630680485763**
Option 1 ID : **6306801897267**
Option 2 ID : **6306801897269**
Option 3 ID : **6306801897268**
Option 4 ID : **6306801897270**
Status : **Answered**
Chosen Option : **3**

Q.93 What are the ABCD constants used for in the context of a short transmission line?

Ans
1. To calculate inductance
2. To analyze steady-state conditions
3. To determine the temperature of the line
4. To calculate capacitance

Question ID : **630680485758**
Option 1 ID : **6306801897248**
Option 2 ID : **6306801897249**
Option 3 ID : **6306801897250**
Option 4 ID : **6306801897247**
Status : **Answered**
Chosen Option : **2**

Q.94 In a three-phase system, RYB sequence is also known as _____.

Ans
1. Both positive and negative sequence.
2. Positive sequence
3. Negative sequence
4. Zero sequence

Question ID : **630680485696**
Option 1 ID : **6306801897002**
Option 2 ID : **6306801896999**
Option 3 ID : **6306801897000**
Option 4 ID : **6306801897001**
Status : **Answered**
Chosen Option : **4**

Q.95 **Which type of FET is normally ON when the gate-source voltage is zero?**

Ans
1. JFET
2. Depletion-mode MOSFET
3. Enhancement-mode MOSFET
4. MOSFET

Question ID : **630680485772**
Option 1 ID : **6306801897303**
Option 2 ID : **6306801897306**
Option 3 ID : **6306801897305**
Option 4 ID : **6306801897304**
Status : **Answered**
Chosen Option : **2**

Q.96 **In circuit analysis, converting a voltage source in series with a resistance to a current source in parallel with the same resistance is known as _____.**

Ans
1. Current to voltage source transformation
2. Voltage to current source transformation
3. Resistor to inductor transformation
4. Parallel to series resistance transformation

Question ID : **630680485688**
Option 1 ID : **6306801896968**
Option 2 ID : **6306801896967**
Option 3 ID : **6306801896970**
Option 4 ID : **6306801896969**
Status : **Answered**
Chosen Option : **2**

Q.97 **Which method is commonly used for the measurement of low resistances?**

Ans
1. Wheatstone bridge method
2. Ohm's law method
3. Megger method
4. Kelvin's double bridge method

Question ID : **630680485707**
Option 1 ID : **6306801897045**
Option 2 ID : **6306801897043**
Option 3 ID : **6306801897046**
Option 4 ID : **6306801897044**
Status : **Answered**
Chosen Option : **4**

Q.98 **In a Star (Y) connected system, if phase voltage is Vp and line voltage is Vl, which of the following relationships is correct?**

Ans
1. $Vp = Vl \times \sqrt{3}$
2. $Vp = 3 \times Vl$
3. $Vp = Vl$
4. $Vp = Vl / \sqrt{3}$

Question ID : **630680485800**
Option 1 ID : **6306801897416**
Option 2 ID : **6306801897418**
Option 3 ID : **6306801897417**
Option 4 ID : **6306801897415**
Status : **Answered**
Chosen Option : **4**

Q.99 In a transmission line, the proximity effect is more pronounced when:

Ans
✓ 1. The conductors are closely spaced and the frequency is high.
✗ 2. The conductors are spaced far apart and the frequency is high.
✗ 3. The conductors are spaced far apart and the frequency is low.
✗ 4. The conductors are closely spaced and the frequency is low.

Question ID : **630680485756**
Option 1 ID : **6306801897242**
Option 2 ID : **6306801897241**
Option 3 ID : **6306801897239**
Option 4 ID : **6306801897240**
Status : **Answered**
Chosen Option : **1**

Q.100 In a Boiling Water Reactor (BWR), the coolant used is _____.

Ans
✗ 1. Carbon dioxide
✓ 2. Light water
✗ 3. Heavy water
✗ 4. Liquid sodium

Question ID : **630680485743**
Option 1 ID : **6306801897189**
Option 2 ID : **6306801897190**
Option 3 ID : **6306801897187**
Option 4 ID : **6306801897188**
Status : **Answered**
Chosen Option : **3**

Q.101 Which component in an elevator control system primarily determines the elevator's direction and speed?

Ans
✓ 1. Microcontroller
✗ 2. Door sensor
✗ 3. Relay
✗ 4. Floor button

Question ID : **630680485780**
Option 1 ID : **6306801897337**
Option 2 ID : **6306801897335**
Option 3 ID : **6306801897338**
Option 4 ID : **6306801897336**
Status : **Not Answered**
Chosen Option : **--**

Q.102 The primary purpose of an electrostatic precipitator in a power plant is to _____.

Ans
✗ 1. Generate electricity
✗ 2. Increase combustion efficiency
✓ 3. Remove ash particles from the exhaust
✗ 4. Reduce fuel consumption

Question ID : **630680485741**
Option 1 ID : **6306801897179**
Option 2 ID : **6306801897182**
Option 3 ID : **6306801897181**
Option 4 ID : **6306801897180**
Status : **Answered**
Chosen Option : **3**

Q.103 Differential protection of a bus bar is based on the principle of _____.

Ans
✓ 1. Comparison of incoming and outgoing currents
✗ 2. Current grading
✗ 3. Voltage grading
✗ 4. Time grading

Question ID : **630680485805**
Option 1 ID : **6306801897437**
Option 2 ID : **6306801897436**
Option 3 ID : **6306801897438**
Option 4 ID : **6306801897435**
Status : **Answered**
Chosen Option : **1**

Q.104 In a two-port network, the open-circuit impedance parameter Z11 represents _____.

Ans
✗ 1. Transfer impedance from input to output
✓ 2. Input impedance with output open-circuited
✗ 3. Output impedance with input open-circuited
✗ 4. Transfer impedance from output to input

Question ID : **630680485697**
Option 1 ID : **6306801897005**
Option 2 ID : **6306801897003**
Option 3 ID : **6306801897004**
Option 4 ID : **6306801897006**
Status : **Answered**
Chosen Option : **2**

Q.105 In the four quadrant operation of a 3-phase induction motor, the fourth quadrant represents:

Ans
✗ 1. Motoring with reverse torque
✗ 2. Motoring with forward torque
✗ 3. Generating with forward torque
✓ 4. Generating with reverse torque

Question ID : **630680485732**
Option 1 ID : **6306801897143**
Option 2 ID : **6306801897145**
Option 3 ID : **6306801897144**
Option 4 ID : **6306801897146**
Status : **Answered**
Chosen Option : **1**

Q.106 The primary purpose of a current transformer (CT) is to _____.

Ans
✗ 1. Convert low current to a higher value
✗ 2. Step up voltage
✓ 3. Convert high current to a lower value
✗ 4. Step down voltage

Question ID : **630680485712**
Option 1 ID : **6306801897066**
Option 2 ID : **6306801897063**
Option 3 ID : **6306801897065**
Option 4 ID : **6306801897064**
Status : **Answered**
Chosen Option : **2**

Q.107 In a control system, if all poles lie on the left side of the s-plane, the system is:

Ans
- ✗ 1. Unstable
- ✗ 2. Marginally stable
- ✓ 3. Stable
- ✗ 4. Oscillatory

Question ID : **630680485781**
Option 1 ID : **6306801897339**
Option 2 ID : **6306801897340**
Option 3 ID : **6306801897341**
Option 4 ID : **6306801897342**
Status : **Answered**
Chosen Option : **3**

Q.108 The pentagonal OHE centenary construction is primarily used for _____.

Ans
- ✗ 1. Reducing the weight of the structure
- ✗ 2. Increasing the conductivity
- ✗ 3. Enhancing the aesthetic appeal
- ✓ 4. Improving the mechanical strength

Question ID : **630680485794**
Option 1 ID : **6306801897391**
Option 2 ID : **6306801897394**
Option 3 ID : **6306801897392**
Option 4 ID : **6306801897393**
Status : **Answered**
Chosen Option : **4**

Q.109 Which of the following is NOT a category of FACTS controllers used in EHV transmission lines?

Ans
- ✗ 1. Shunt controllers
- ✗ 2. Combined series-shunt controllers
- ✓ 3. Diagonal controllers
- ✗ 4. Series controllers

Question ID : **630680485790**
Option 1 ID : **6306801897376**
Option 2 ID : **6306801897378**
Option 3 ID : **6306801897377**
Option 4 ID : **6306801897375**
Status : **Not Answered**
Chosen Option : **--**

Q.110 The illumination level in a room is determined by the ratio of _____.

Ans
- ✗ 1. Luminous intensity to the distance
- ✗ 2. Luminous flux to the volume
- ✓ 3. Luminous flux to the area
- ✗ 4. Luminous intensity to the area

Question ID : **630680485796**
Option 1 ID : **6306801897400**
Option 2 ID : **6306801897401**
Option 3 ID : **6306801897399**
Option 4 ID : **6306801897402**
Status : **Answered**
Chosen Option : **3**

Q.111 All day efficiency of a transformer is the ratio of:

Ans

✔ 1. Total output to total input for 24 hours

✘ 2. Maximum output to maximum input for 24 hours

✘ 3. Minimum output to minimum input for 24 hours

✘ 4. Average output to average input for 24 hours

Question ID : **630680485726**
Option 1 ID : **6306801897119**
Option 2 ID : **6306801897121**
Option 3 ID : **6306801897122**
Option 4 ID : **6306801897120**
Status : **Answered**
Chosen Option : **1**

Q.112 When calculating the sag in a transmission line, which factor is considered?

Ans

✘ 1. Atmospheric pressure

✘ 2. Conductor material

✘ 3. Temperature of the conductor

✔ 4. Line length

Question ID : **630680485762**
Option 1 ID : **6306801897265**
Option 2 ID : **6306801897263**
Option 3 ID : **6306801897266**
Option 4 ID : **6306801897264**
Status : **Answered**
Chosen Option : **4**

Q.113 In which closed-loop configuration does an operational amplifier provide phase inversion?

Ans

✘ 1. Differential amplifier

✘ 2. Non-inverting amplifier

✔ 3. Inverting amplifier

✘ 4. Voltage follower

Question ID : **630680485777**
Option 1 ID : **6306801897326**
Option 2 ID : **6306801897324**
Option 3 ID : **6306801897323**
Option 4 ID : **6306801897325**
Status : **Answered**
Chosen Option : **3**

Q.114 Which of the following is the correct formula of string efficiency?

Ans

✘ 1. String Efficiency = voltage across the whole string/(number of discs in string × the voltage across the disc farthest to the conductor)

✔ 2. String Efficiency = voltage across the whole string/(number of discs in string × the voltage across the disc nearest to the conductor)

✘ 3. String Efficiency = (voltage across the whole string × number of discs in string) /the voltage across the disc farthest to the conductor

✘ 4. String Efficiency = (voltage across the whole string × number of discs in string) /the voltage across the disc nearest to the conductor

Question ID : **630680485791**
Option 1 ID : **6306801897380**
Option 2 ID : **6306801897379**
Option 3 ID : **6306801897382**
Option 4 ID : **6306801897381**
Status : **Answered**
Chosen Option : **2**

Q.115 The back e.m.f. in a DC motor opposes the:

Ans
✔ 1. Supply voltage
✘ 2. Field current
✘ 3. Armature current
✘ 4. Load current

Question ID : **630680485716**
Option 1 ID : **6306801897079**
Option 2 ID : **6306801897081**
Option 3 ID : **6306801897080**
Option 4 ID : **6306801897082**
Status : **Answered**
Chosen Option : **2**

Q.116 Which of the following is NOT a typical loss in a synchronous motor?

Ans
✔ 1. Capacitive loss
✘ 2. Copper loss
✘ 3. Iron loss
✘ 4. Friction loss

Question ID : **630680485738**
Option 1 ID : **6306801897170**
Option 2 ID : **6306801897167**
Option 3 ID : **6306801897168**
Option 4 ID : **6306801897169**
Status : **Answered**
Chosen Option : **1**

Q.117 A purely resistive AC circuit has a power factor of _____.

Ans
✘ 1. Infinite
✔ 2. 1
✘ 3. 0
✘ 4. 0.5

Question ID : **630680485695**
Option 1 ID : **6306801896998**
Option 2 ID : **6306801896997**
Option 3 ID : **6306801896995**
Option 4 ID : **6306801896996**
Status : **Answered**
Chosen Option : **2**

Q.118 The primary purpose of a surge tank in a hydroelectric power plant is to _____.

Ans
✘ 1. Store water for future use
✔ 2. Reduce water hammer effect in the penstock
✘ 3. Increase the efficiency of the turbine
✘ 4. Generate additional power

Question ID : **630680485747**
Option 1 ID : **6306801897203**
Option 2 ID : **6306801897204**
Option 3 ID : **6306801897205**
Option 4 ID : **6306801897206**
Status : **Answered**
Chosen Option : **2**

Q.119 वह प्रक्रिया जिसके द्वारा हवा में जलवाष्प को तरल पानी में बदल दिया जाता है, _____ कहा जाता है।

Ans
✔ 1. संघनन
✘ 2. अतःस्पंदन
✘ 3. वाष्पीकरण
✘ 4. वर्षण

Question ID : **630680485745**
Option 1 ID : **6306801897196**
Option 2 ID : **6306801897198**
Option 3 ID : **6306801897195**
Option 4 ID : **6306801897197**
Status : **Answered**
Chosen Option : **1**

Q.120 In a DC motor, torque is directly proportional to:

Ans
✘ 1. Back e.m.f.
✔ 2. Armature current
✘ 3. Supply voltage
✘ 4. Motor speed

Question ID : **630680485721**
Option 1 ID : **6306801897099**
Option 2 ID : **6306801897100**
Option 3 ID : **6306801897101**
Option 4 ID : **6306801897102**
Status : **Answered**
Chosen Option : **2**

Section : **General English**

Q.1 Choose the word that means the same as the given word.

Abbreviate

Ans
✔ 1. Curtail
✘ 2. Dilute
✘ 3. Dilate
✘ 4. Sycophant

Question ID : **630680485808**
Option 1 ID : **6306801897449**
Option 2 ID : **6306801897450**
Option 3 ID : **6306801897447**
Option 4 ID : **6306801897448**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **Select the most appropriate preposition for the given blank.**

Being wrong opens us _____ the possibility of change.

Ans
- ✗ 1. into
- ✗ 2. of to
- ✗ 3. with
- ✓ 4. up to

Question ID : **630680485810**
Option 1 ID : **6306801897456**
Option 2 ID : **6306801897457**
Option 3 ID : **6306801897455**
Option 4 ID : **6306801897458**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **Choose the word that means the same as the given word.**

Abdicate

Ans
- ✗ 1. Annulment
- ✓ 2. Cede
- ✗ 3. Confiscate
- ✗ 4. Rescindment

Question ID : **630680485809**
Option 1 ID : **6306801897453**
Option 2 ID : **6306801897451**
Option 3 ID : **6306801897452**
Option 4 ID : **6306801897454**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **Select the most appropriate option for the given blank.**

A king was made to kneel at the feet of _____ brahmin.

Ans
- ✗ 1. an
- ✓ 2. a
- ✗ 3. No article
- ✗ 4. the

Question ID : **630680485813**
Option 1 ID : **6306801897469**
Option 2 ID : **6306801897468**
Option 3 ID : **6306801897470**
Option 4 ID : **6306801897467**
Status : **Answered**
Chosen Option : **4**

Q.5 The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

P. This results in higher income, consumption and associated levels of emissions.
Q. The World Bank estimates that 80% of global GDP is produced in urban areas.
R. It is certain that a considerable share of the global carbon budget will be used up for building new infrastructure, particularly in fast-growing cities.
S. Further emissions take place when cities expand and land use changes – turning vegetation into city grounds.

Ans
✓ 1. QPRS
✗ 2. RSQP
✗ 3. QSRP
✗ 4. PQSR

Question ID : **630680485814**
Option 1 ID : **6306801897472**
Option 2 ID : **6306801897473**
Option 3 ID : **6306801897474**
Option 4 ID : **6306801897471**
Status : **Answered**
Chosen Option : **1**

Q.6 Select the most appropriate preposition for the given blank.

If she doesn't rely _____ her driving skills as a source of her self-worth, it won't affect her self-esteem.

Ans
✗ 1. in
✗ 2. over
✓ 3. on
✗ 4. at

Question ID : **630680485811**
Option 1 ID : **6306801897460**
Option 2 ID : **6306801897462**
Option 3 ID : **6306801897461**
Option 4 ID : **6306801897459**
Status : **Answered**
Chosen Option : **3**

Q.7 Select the most appropriate option for the given blank.

Once _____ boy came running in from play and asked, Mother, what is milk?

Ans
✗ 1. No article
✓ 2. a
✗ 3. an
✗ 4. the

Question ID : **630680485812**
Option 1 ID : **6306801897466**
Option 2 ID : **6306801897464**
Option 3 ID : **6306801897465**
Option 4 ID : **6306801897463**
Status : **Answered**
Chosen Option : **2**

Comprehension:

Read the following passage and answer the questions given below.

Honey is a wonderful creation. It is deemed a top health food across the globe. Honey is among the most popular and widely used sweeteners, with enormous health benefits. It is used by several cultures around the world as a base for many traditional medicines, especially in Ayurveda. The health benefits and advantages of honey have been valued for ages.
Honey is known as an excellent source of natural energy as the natural, unprocessed sugar present in it enters the bloodstream directly, which in turn can give a quick boost of energy. According to a famous author and nutritionist, honey burns body fat even while you are sleeping. It is considered to be the best food for losing weight. Doctors recommend having a spoonful of honey before going to bed. You can also consume a little honey with warm water on an empty stomach early in the morning. Having it first thing in the morning helps increase the metabolism, which in turn helps reduce weight faster. Honey is also good for improving your overall health.

SubQuestion No : 8

Q.8 **According to the given passage, which of the following statements is NOT correct?**

Ans
✗ 1. Honey is used by several cultures around the world.

✗ 2. Honey can provide a quick boost of energy.

✓ 3. Honey's advantages are not valued by people.

✗ 4. Honey can help in losing weight.

Question ID : **630680485817**
Option 1 ID : **6306801897480**
Option 2 ID : **6306801897482**
Option 3 ID : **6306801897481**
Option 4 ID : **6306801897479**
Status : **Answered**
Chosen Option : **3**

Comprehension:

Read the following passage and answer the questions given below.

Honey is a wonderful creation. It is deemed a top health food across the globe. Honey is among the most popular and widely used sweeteners, with enormous health benefits. It is used by several cultures around the world as a base for many traditional medicines, especially in Ayurveda. The health benefits and advantages of honey have been valued for ages.
Honey is known as an excellent source of natural energy as the natural, unprocessed sugar present in it enters the bloodstream directly, which in turn can give a quick boost of energy. According to a famous author and nutritionist, honey burns body fat even while you are sleeping. It is considered to be the best food for losing weight. Doctors recommend having a spoonful of honey before going to bed. You can also consume a little honey with warm water on an empty stomach early in the morning. Having it first thing in the morning helps increase the metabolism, which in turn helps reduce weight faster. Honey is also good for improving your overall health.

SubQuestion No : 9

Q.9 **Choose the most suitable title for the given passage.**

Ans
✗ 1. Sweets and benefits

✗ 2. Natural or Synthetic

✗ 3. Ayurvedic Honey

✓ 4. Honey: A wonderful creation

Question ID : **630680485816**
Option 1 ID : **6306801897477**
Option 2 ID : **6306801897475**
Option 3 ID : **6306801897476**
Option 4 ID : **6306801897478**
Status : **Answered**
Chosen Option : **4**

Comprehension:

Read the following passage and answer the questions given below.

Honey is a wonderful creation. It is deemed a top health food across the globe. Honey is among the most popular and widely used sweeteners, with enormous health benefits. It is used by several cultures around the world as a base for many traditional medicines, especially in Ayurveda. The health benefits and advantages of honey have been valued for ages.
Honey is known as an excellent source of natural energy as the natural, unprocessed sugar present in it enters the bloodstream directly, which in turn can give a quick boost of energy. According to a famous author and nutritionist, honey burns body fat even while you are sleeping. It is considered to be the best food for losing weight. Doctors recommend having a spoonful of honey before going to bed. You can also consume a little honey with warm water on an empty stomach early in the morning. Having it first thing in the morning helps increase the metabolism, which in turn helps reduce weight faster. Honey is also good for improving your overall health.

SubQuestion No : 10

Q.10 Which word means the same as the word 'enormous' used in the passage?

Ans
✗ 1. Diabolical
✓ 2. Colossal
✗ 3. Whimsical
✗ 4. Frugal

Question ID : **630680485818**
Option 1 ID : **6306801897485**
Option 2 ID : **6306801897484**
Option 3 ID : **6306801897486**
Option 4 ID : **6306801897483**
Status : **Not Answered**
Chosen Option : **--**

Section : **Reasoning**

Q.1 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

MNRM, OPUP, QRXS, STAV, ?

Ans
✗ 1. VMNO
✓ 2. UVDY
✗ 3. UYDO
✗ 4. UMNO

Question ID : **630680485822**
Option 1 ID : **6306801897499**
Option 2 ID : **6306801897500**
Option 3 ID : **6306801897501**
Option 4 ID : **6306801897502**
Status : **Answered**
Chosen Option : **2**

Q.2 In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. All tailor are doctor.

II. No doctor is intelligent.

Conclusion:

I. All tailor are intelligent.

II. Some tailor are doctor.

Ans
1. Only conclusion I follows
2. Only conclusion II follows
3. Neither conclusion follows
4. Both conclusions I and II follows

Question ID : **630680485824**
Option 1 ID : **6306801897507**
Option 2 ID : **6306801897508**
Option 3 ID : **6306801897510**
Option 4 ID : **6306801897509**
Status : **Answered**
Chosen Option : **2**

Q.3 निम्नलिखित प्रत्येक समस्या में एक प्रश्न और दो कथन (I) तथा (II) हैं।

X का मान क्या है?

I. $x - 5 = 12$

II. $x^2 = 16$

Ans
1.
यदि प्रश्न का उत्तर किसी एक कथन का उपयोग अकेले करके दिया जा सकता है लेकिन दूसरे कथन का उपयोग अकेले करके उत्तर नहीं दिया जा सकता है।

2.
यदि प्रश्न का उत्तर दोनों कथनों का एक साथ उपयोग करके दिया जा सकता है, लेकिन किसी एक कथन से अकेले नहीं।

3.
यदि प्रश्न का उत्तर दोनों कथनों का एक साथ उपयोग करने पर भी नहीं दिया जा सकता है।

4.
यदि प्रश्न का उत्तर कथन (I) या (II) में से किसी भी एक का अकेले उपयोग करके दिया जा सकता है।

Question ID : **630680485826**
Option 1 ID : **6306801897515**
Option 2 ID : **6306801897517**
Option 3 ID : **6306801897518**
Option 4 ID : **6306801897516**
Status : **Answered**
Chosen Option : **4**

Q.4 नीचे दी गई तालिका 5 वर्षों में एक कंपनी के कार्य के दिनो की संख्या को दर्शाती है।

वर्ष	कार्य के दिन
A	50
B	150
C	75
D	25
E	100

वर्ष D तथा E में कार्य के दिनो की संख्या का औसत क्या है?

Ans
1. 72.5
2. 53.5
3. 45.5
4. 62.5

Question ID : **630680485827**
Option 1 ID : **6306801897521**
Option 2 ID : **6306801897520**
Option 3 ID : **6306801897522**
Option 4 ID : **6306801897519**
Status : **Answered**
Chosen Option : **4**

Q.5 35 छात्रों की एक कक्षा में, ज़ोया नीचे से 7वें स्थान पर है जबकि सोनिया ऊपर से 9वें स्थान पर है। शाह को दोनों के बीच में रखा गया है। शाह से ज़ोया का स्थान क्या है?

Ans
1. 11वें
2. 13वें
3. 10वें
4. 12वें

Question ID : **630680485820**
Option 1 ID : **6306801897491**
Option 2 ID : **6306801897492**
Option 3 ID : **6306801897494**
Option 4 ID : **6306801897493**
Status : **Answered**
Chosen Option : **3**

Q.6 In the following question, select the related letters from the given alternatives.

QRLJ : PPIF :: FCDY : ?

Ans
1. EAAU
2. VBYW
3. NUVX
4. XPFF

Question ID : **630680485825**
Option 1 ID : **6306801897512**
Option 2 ID : **6306801897513**
Option 3 ID : **6306801897511**
Option 4 ID : **6306801897514**
Status : **Answered**
Chosen Option : **1**

Q.7 अक्षरों से बनी नीचे दी गई स्ट्रिंग पर विचार करें। यदि बाएं छोर से पहले सात अक्षरों को उलट दिया जाए। फिर नवगठित स्ट्रिंग में दायें छोर से 22वाँ अक्षर कौन सा है?

R I R Y R W W I W Y
W W I I R Y I W I R
Y I I Y W

Ans
✗ 1. W
✗ 2. R
✗ 3. I
✓ 4. Y

Question ID : **630680485821**
Option 1 ID : **6306801897498**
Option 2 ID : **6306801897495**
Option 3 ID : **6306801897496**
Option 4 ID : **6306801897497**
Status : **Answered**
Chosen Option : **4**

Q.8 एक विशिष्ट कोड भाषा में, 'DRIVING' को 'IPKXKTF' लिखा जाता है। इस कोड भाषा में 'FACTORY' का कोड क्या है?

Ans
✗ 1. ATQVEDI
✗ 2. ATQWECH
✗ 3. HCEVQTA
✓ 4. ATQVECH

Question ID : **630680485823**
Option 1 ID : **6306801897505**
Option 2 ID : **6306801897503**
Option 3 ID : **6306801897506**
Option 4 ID : **6306801897504**
Status : **Answered**
Chosen Option : **4**

Q.9 आठ शिक्षक A, B, C, D, E, F, G तथा H केंद्र की ओर मुख करके एक वृत्ताकार मेज के इर्द-गिर्द बैठे हुए हैं (जरूरी नहीं की इसी क्रम में हो)। F, C के दायीं ओर तीसरे स्थान पर है। H, C के बायीं ओर तीसरे स्थान पर है। D, C या H का निकटतम पड़ोसी नहीं है। E, A के तुरंत दायीं ओर है। G, A के बायीं ओर दूसरे स्थान पर है। E के दायीं ओर तीसरे स्थान पर कौन है?

Ans
✓ 1. D
✗ 2. G
✗ 3. C
✗ 4. A

Question ID : **630680485819**
Option 1 ID : **6306801897487**
Option 2 ID : **6306801897488**
Option 3 ID : **6306801897490**
Option 4 ID : **6306801897489**
Status : **Answered**
Chosen Option : **1**

Q.10 In the following question, select the missing number from the given series.

30, 61, 123, 247, 495, ?

Ans
✗ 1. 1017
✗ 2. 993
✗ 3. 997
✓ 4. 991

Question ID : **630680485828**
Option 1 ID : **6306801897526**
Option 2 ID : **6306801897524**
Option 3 ID : **6306801897525**
Option 4 ID : **6306801897523**
Status : **Answered**
Chosen Option : **4**

Section : **Quantitative Aptitude**

Q.1 It $\sin A = \frac{3}{4}$, then what is the value of cos A?

Ans
✗ 1. $\frac{4}{3}$
✗ 2. $\frac{3}{\sqrt{7}}$
✗ 3. $\frac{\sqrt{7}}{3}$
✓ 4. $\frac{\sqrt{7}}{4}$

Question ID : **630680485843**
Option 1 ID : **6306801897585**
Option 2 ID : **6306801897586**
Option 3 ID : **6306801897583**
Option 4 ID : **6306801897584**
Status : **Answered**
Chosen Option : **4**

Q.2 तीन लड़कियों में से, पहली लड़की का भार, दूसरी लड़की के भार का आधा है तथा तीसरी लड़की के भार का दोगुना है। यदि इन तीन लड़कियों का औसत भार 84 कि.ग्रा. है, तो दूसरी तथा तीसरी लड़की का कुल भार क्या होगा?

Ans
✗ 1. 195 कि.ग्रा.
✗ 2. 170 कि.ग्रा.
✗ 3. 198 कि.ग्रा.
✓ 4. 180 कि.ग्रा.

Question ID : **630680485829**
Option 1 ID : **6306801897527**
Option 2 ID : **6306801897529**
Option 3 ID : **6306801897530**
Option 4 ID : **6306801897528**
Status : **Answered**
Chosen Option : **4**

Q.3 P, Q को एक पेन 30 प्रतिशत के लाभ पर बेचता है तथा Q उसे R को 30 प्रतिशत के लाभ पर बेचता है। P तथा R के क्रय मूल्यों का अनुपात क्या है?

Ans
1. 81 : 50
2. 50 : 67
3. 100 : 169
4. 100 : 133

Question ID : **630680485832**
Option 1 ID : **6306801897541**
Option 2 ID : **6306801897542**
Option 3 ID : **6306801897540**
Option 4 ID : **6306801897539**
Status : **Answered**
Chosen Option : **3**

Q.4 What is the value of $(a+b)^2+(a-b)^2$?

Ans
1. $4(a^2+b^2)$
2. $2(a^2+b^2)$
3. $4ab$
4. $8ab$

Question ID : **630680485836**
Option 1 ID : **6306801897556**
Option 2 ID : **6306801897555**
Option 3 ID : **6306801897557**
Option 4 ID : **6306801897558**
Status : **Answered**
Chosen Option : **2**

Q.5 यदि G, H से 30 प्रतिशत कम है तथा H, 1220 से 50 प्रतिशत अधिक है, तो G का मान क्या है?

Ans
1. 1281
2. 1181
3. 1381
4. 1081

Question ID : **630680485831**
Option 1 ID : **6306801897535**
Option 2 ID : **6306801897537**
Option 3 ID : **6306801897536**
Option 4 ID : **6306801897538**
Status : **Answered**
Chosen Option : **1**

Q.6 एक बस अपनी कुल यात्रा का 3/4 भाग सामान्य गति से तय करती है। बची हुई दूरी बस द्वारा उसकी सामान्य गति की 1/4 गति से तय की जाती है। धीमी गति के कारण वह अपने गंतव्य स्थान पर 120 मिनट की देरी से पहुँचती है। यदि कुल दूरी 200 कि.मी. है, तो बस की सामान्य गति क्या है?

Ans
1. 75 कि.मी./घंटा
2. 100 कि.मी./घंटा
3. 90 कि.मी./घंटा
4. 60 कि.मी./घंटा

Question ID : **630680485835**
Option 1 ID : **6306801897552**
Option 2 ID : **6306801897554**
Option 3 ID : **6306801897551**
Option 4 ID : **6306801897553**
Status : **Not Answered**
Chosen Option : **--**

Q.7 What is the value of $(x^2 - x + 1)(x + 1)$?

Ans
1. $x^3 - x$
2. $x^3 + 1$
3. $x^3 - x^2$
4. $x^3 - 1$

Question ID : **630680485837**
Option 1 ID : **6306801897560**
Option 2 ID : **6306801897561**
Option 3 ID : **6306801897562**
Option 4 ID : **6306801897559**
Status : **Answered**
Chosen Option : **2**

Q.8 N1, N2 तथा N3 एक कार्य को क्रमशः 50, 25 तथा 37.5 दिनों में कर सकते हैं। उन तीनों ने साथ मिलकर काम करना आरंभ किया परंतु N2 कार्य समाप्त होने से 7.5 दिन पूर्व कार्य छोड़कर चला गया। कार्य कितने दिनों में पूरा हुआ होगा?

Ans
1. 17 दिन
2. 10 दिन
3. 18 दिन
4. 15 दिन

Question ID : **630680485834**
Option 1 ID : **6306801897550**
Option 2 ID : **6306801897549**
Option 3 ID : **6306801897548**
Option 4 ID : **6306801897547**
Status : **Answered**
Chosen Option : **4**

Q.9 यदि दिए गए शंकु की ऊँचाई 1/3 हो जाए तथा उसके आधार की त्रिज्या समान रहे, तो दिए गए शंकु तथा नये शंकु के आयतन का अनुपात क्या है?

Ans
1. 3 : 1
2. 4 : 2
3. 3 : 2
4. 4 : 1

Question ID : **630680485840**
Option 1 ID : **6306801897571**
Option 2 ID : **6306801897572**
Option 3 ID : **6306801897573**
Option 4 ID : **6306801897574**
Status : **Answered**
Chosen Option : **1**

Q.10 दो निष्पक्ष पासे फेंके जाते हैं। 5 का योग प्राप्त होने की प्रायिकता क्या है?

Ans
1. 1/8
2. 1/9
3. 1/7
4. 1/11

Question ID : **630680485838**
Option 1 ID : **6306801897564**
Option 2 ID : **6306801897563**
Option 3 ID : **6306801897565**
Option 4 ID : **6306801897566**
Status : **Answered**
Chosen Option : **2**

Q.11 एक वर्ग के विकर्ण की लम्बाई 12 से.मी. है। वर्ग का क्षेत्रफल क्या है?

Ans
1. 60 से.मी.^{2}
2. 48 से.मी.^{2}
3. 94 से.मी.^{2}
4. 72 से.मी.^{2}

Question ID : **630680485839**
Option 1 ID : **6306801897568**
Option 2 ID : **6306801897569**
Option 3 ID : **6306801897570**
Option 4 ID : **6306801897567**
Status : **Answered**
Chosen Option : **4**

Q.12 10000 रुपये की एक राशि पर 40 प्रतिशत की वार्षिक दर से अर्धवार्षिक संयोजन पर एक वर्ष का चक्रवृद्धि ब्याज क्या है?

Ans
✔ 1. 4400 रुपये
✘ 2. 4700 रुपये
✘ 3. 4800 रुपये
✘ 4. 4000 रुपये

Question ID : **630680485830**
Option 1 ID : **6306801897533**
Option 2 ID : **6306801897531**
Option 3 ID : **6306801897534**
Option 4 ID : **6306801897532**
Status : **Answered**
Chosen Option : **1**

Q.13 If $5P = 7Q$, then what is the value of $(P + Q)/P$?

Ans
✘ 1. 7/12
✘ 2. 11/7
✔ 3. 12/7
✘ 4. 9/7

Question ID : **630680485833**
Option 1 ID : **6306801897543**
Option 2 ID : **6306801897544**
Option 3 ID : **6306801897545**
Option 4 ID : **6306801897546**
Status : **Answered**
Chosen Option : **3**

Q.14 42 से.मी. त्रिज्या वाले दो वृत्त एक दूसरे को इस प्रकार प्रतिच्छेद करते हैं कि प्रत्येक एक दूसरे के केंद्र से होकर गुजरता है। उभयनिष्ठ जीवा की लंबाई क्या है?

Ans
✘ 1. 42 से.मी.
✔ 2. $42\sqrt{3}$ से.मी.
✘ 3. $18\sqrt{3}$ से.मी.
✘ 4. 27 से.मी.

Question ID : **630680485842**
Option 1 ID : **6306801897582**
Option 2 ID : **6306801897580**
Option 3 ID : **6306801897579**
Option 4 ID : **6306801897581**
Status : **Not Answered**
Chosen Option : **--**

Q.15 एक वृत्त में एक जीवा की लंबाई 30 से.मी. है जिसका व्यास 34 से.मी. है। इस जीवा की केंद्र से दूरी क्या होगी?

Ans
1. 12 से.मी.
2. 8 से.मी.
3. 9 से.मी.
4. 15 से.मी.

Question ID : **630680485841**
Option 1 ID : **6306801897577**
Option 2 ID : **6306801897575**
Option 3 ID : **6306801897576**
Option 4 ID : **6306801897578**
Status : **Answered**
Chosen Option : **2**

Section : **General Knowledge**

Q.1 **निम्नलिखित में से कौन सा भारत में ग्रीष्म ऋतु का अभिलक्षण है?**

Ans
1. लू, इस ऋतु का एक प्रभावी लक्षण है।
2. इस ऋतु में, देश में उत्तर-पूर्वी व्यापारिक पवनें प्रवाहित होती हैं।
3. दिन गर्म और रातें ठंडी होती हैं।
4. तापमान दक्षिण से उत्तर की ओर घटता जाता है

Question ID : **630680485851**
Option 1 ID : **6306801897618**
Option 2 ID : **6306801897617**
Option 3 ID : **6306801897616**
Option 4 ID : **6306801897615**
Status : **Answered**
Chosen Option : **1**

Q.2 **Who was the first headmistress of the country's first school for girls in Pune?**

Ans
1. Savitri Bai Phule
2. Aruna Asaf Ali
3. Anadibai Gopalrao Joshi
4. Sucheta Kriplani

Question ID : **630680485848**
Option 1 ID : **6306801897606**
Option 2 ID : **6306801897604**
Option 3 ID : **6306801897603**
Option 4 ID : **6306801897605**
Status : **Not Answered**
Chosen Option : **--**

Q.3 निम्नलिखित में से 'सुधारवादी संगठन – संस्थापक' का कौन सा युग्म सही सुमेलित है?

I. आर्य समाज – स्वामी दयानंद सरस्वती
II. सत्यशोधक समाज – ज्योतिराव फुले

Ans
✗ 1. केवल II
✓ 2. I तथा II दोनों
✗ 3. ना ही I ना ही II
✗ 4. केवल I

Question ID : **630680485850**
Option 1 ID : **6306801897612**
Option 2 ID : **6306801897613**
Option 3 ID : **6306801897614**
Option 4 ID : **6306801897611**
Status : **Answered**
Chosen Option : **2**

Q.4 "सब के लिए एक जाति, एक धर्म, एक ईश्वर" का नारा किसने दिया?

Ans
✗ 1. ज्योतिराव फुले
✗ 2. ई.वी. रामास्वामी नायकर
✓ 3. श्री नारायण गुरु
✗ 4. एम.एन. श्रीनिवास

Question ID : **630680485849**
Option 1 ID : **6306801897607**
Option 2 ID : **6306801897608**
Option 3 ID : **6306801897610**
Option 4 ID : **6306801897609**
Status : **Not Answered**
Chosen Option : **--**

Q.5 निम्नलिखित में से किस खेल में सरबजोत सिंह ने हांग्जो एशियाई खेल 2023 में भारत के लिए स्वर्ण पदक जीता?

Ans
✗ 1. फुटबॉल
✗ 2. टेबल टेनिस
✗ 3. मुक्केबाजी
✓ 4. निशानेबाजी

Question ID : **630680485844**
Option 1 ID : **6306801897590**
Option 2 ID : **6306801897587**
Option 3 ID : **6306801897589**
Option 4 ID : **6306801897588**
Status : **Answered**
Chosen Option : **4**

Q.6 निम्नलिखित में से कौन सा अधिकार 'स्वतंत्रता का अधिकार' में शामिल नहीं है?

Ans
1. शांतिपूर्ण ढंग से जमा होने की स्वतंत्रता
2. अभिव्यक्ति की स्वतंत्रता
3. संगठन और संघ बनाने की स्वतंत्रता
4. विश्व में कहीं भी आने-जाने की स्वतंत्रता

Question ID : **630680485854**
Option 1 ID : **6306801897628**
Option 2 ID : **6306801897627**
Option 3 ID : **6306801897629**
Option 4 ID : **6306801897630**
Status : **Answered**
Chosen Option : **4**

Q.7 Which one of the following pairs is correctly matched?

I. Sugar – Simple Carbohydrate
II. Rice – Complex Carbohydrate

Ans
1. Both I and II
2. Neither I nor II
3. Only I
4. Only II

Question ID : **630680485858**
Option 1 ID : **6306801897644**
Option 2 ID : **6306801897646**
Option 3 ID : **6306801897643**
Option 4 ID : **6306801897645**
Status : **Not Answered**
Chosen Option : **--**

Q.8 सिंधु नदी की लंबाई कितनी है?

Ans
1. 3500 कि.मी.
2. 2500 कि.मी.
3. 2000 कि.मी.
4. 2900 कि.मी.

Question ID : **630680485852**
Option 1 ID : **6306801897622**
Option 2 ID : **6306801897620**
Option 3 ID : **6306801897619**
Option 4 ID : **6306801897621**
Status : **Answered**
Chosen Option : **3**

Q.9 निम्नलिखित में से कौन सा ऊर्जा का मुख्य स्रोत है?

Ans
1. विटामिन
2. खनिज
3. प्रोटीन
4. कार्बोहाइड्रेट

Question ID : **630680485857**
Option 1 ID : **6306801897641**
Option 2 ID : **6306801897642**
Option 3 ID : **6306801897640**
Option 4 ID : **6306801897639**
Status : **Answered**
Chosen Option : **4**

Q.10 **Parliament of India consists of:**

I. The President
II. The Rajya Sabha
III. The Lok Sabha

Ans
1. Only I and III
2. Only I and II
3. I, II and III
4. Only II and III

Question ID : **630680485856**
Option 1 ID : **6306801897637**
Option 2 ID : **6306801897635**
Option 3 ID : **6306801897638**
Option 4 ID : **6306801897636**
Status : **Answered**
Chosen Option : **3**

Q.11 **As per census 2011, the growth rate of population of India in the decade of 2001– 2011 was _____.**

Ans
1. 11.7 percent
2. 19.7 percent
3. 17.7 percent
4. 13.7 percent

Question ID : **630680485853**
Option 1 ID : **6306801897623**
Option 2 ID : **6306801897626**
Option 3 ID : **6306801897625**
Option 4 ID : **6306801897624**
Status : **Not Answered**
Chosen Option : **--**

Q.12 **In September 2023, the Union Cabinet approved the e-Courts Project Phase III as a central sector scheme with financial outlay of Rs. _____.**

Ans
1. 7210 crore
2. 6210 crore
3. 5210 core
4. 8210 crore

Question ID : **630680485847**
Option 1 ID : **6306801897601**
Option 2 ID : **6306801897599**
Option 3 ID : **6306801897602**
Option 4 ID : **6306801897600**
Status : **Not Answered**
Chosen Option : **--**

Q.13 **Which company launched India's first Hydrogen Internal Combustion engine (H2ICE) technology?**

Ans
✓ 1. Reliance Industries
✗ 2. Tata Motors
✗ 3. Mahindra and Mahindra
✗ 4. Hero Moto Corp

Question ID : **630680485845**
Option 1 ID : **6306801897591**
Option 2 ID : **6306801897593**
Option 3 ID : **6306801897592**
Option 4 ID : **6306801897594**
Status : **Not Answered**
Chosen Option : **--**

Q.14 **Which ministry launched AI chatbot for PM – KISAN scheme?**

Ans
✓ 1. Ministry of Agriculture and Farmers Welfare
✗ 2. Ministry of Social Justice and Empowerment
✗ 3. Ministry of Rural Development
✗ 4. Ministry of Electronics and Information Technology

Question ID : **630680485846**
Option 1 ID : **6306801897596**
Option 2 ID : **6306801897595**
Option 3 ID : **6306801897598**
Option 4 ID : **6306801897597**
Status : **Not Answered**
Chosen Option : **--**

Q.15 **राज्य सभा के सदस्यों का चुनाव _____ करते हैं।**

Ans
✗ 1. विभिन्न राज्यों की विधानसभाओं के निर्वाचित तथा मनोनीत सदस्य
✗ 2. लोकसभा के निर्वाचित सदस्य
✗ 3. विभिन्न राज्यों की विधानसभाओं के मनोनीत सदस्य
✓ 4. विभिन्न राज्यों की विधानसभाओं के निर्वाचित सदस्य

Question ID : **630680485855**
Option 1 ID : **6306801897634**
Option 2 ID : **6306801897633**
Option 3 ID : **6306801897632**
Option 4 ID : **6306801897631**
Status : **Answered**
Chosen Option : **4**

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

Recruitment of Diploma Trainee (Electrical/Civil/Electronics)

Notice No: 16/2024 Date: 14-03-2024

Notice

With reference to Advt. No.CC/06/2023 dated 01.09.2023 and Computer Based Test (CBT) conducted on 05th December 2023, it is to inform that the following candidates have been selected provisionally for the post of Diploma Trainee, subject to successful completion of the document verification process and on being found medically fit in the pre-employment medical examination as per the POWERGRID Medical Norms and subject to the condition that the candidate fulfil all the eligibility criteria as mentioned in the advertisement.

Please check your e-mail for information regarding the reporting date, time and venue for document verification and pre-employment medical examination for above post.

CBT Marks of all candidates shall be made available in candidate login shortly. Candidates may check their result in their candidate login.

All the best!!

Corporate Recruitment Group
Power Grid Corporation of India Limited

****

Region: NR-I

Diploma Trainee (Electrical)		
S.No	POWERGRID Application No	Roll No.
1	20734	1107120024
2	31047	1107120046
3	36966	1107120161
4	2175	1107130002
5	37476	1107130077
6	12920	1107150001
7	25812	1107150006
8	72083	1123120081
9	50135	1123120130
10	69446	1123120188
11	59913	1123120266
12	76276	1123120331
13	78179	1123120334
14	78502	1123120335
15	61575	1123120460
16	66110	1123130089
17	55495	1123130181
18	57080	1123150015
19	67005	1123150016
20	74970	1123150034
21	76817	1124110065
22	81320	1124110101
23	48232	1124120005
24	67735	1124120050
25	56960	1124120165
26	72821	1124120218
27	74001	1124120224
28	80298	1124120241
29	49335	1124120360
30	66920	1124120407
31	79713	1124120460
32	56811	1124120508
33	53891	1124120621
34	57084	1124120629
35	63927	1124120652
36	65137	1124120656
37	72383	1124120675
38	53643	1124120730
39	57970	1124130093
40	72889	1124140015
41	88341	1137120076
42	32404	1168110079
43	28649	1168120005
44	56127	1168120177
45	35226	1168120242
46	23564	1168130010
47	40999	1168130080
48	44689	1168130170
49	44240	1168150014
50	2591	1170120175

Diploma Trainee (Electrical)		
S.No	POWERGRID Application No	Roll No.
51	18742	1170120182
52	37810	1173120087
53	35311	1173120215
54	43653	1173130072
55	20573	1175110005
56	25123	1175120011
57	40396	1175120124
58	17833	1175130079
59	33991	1175130106
60	39890	1175130156
61	76598	1231110018
62	17336	1231130132
63	12769	1333110011
64	67155	1333120003
65	43090	1333150001
66	23170	1343110001
67	1167	1343130007
68	77602	1356120039
69	36875	1367120030
70	30192	1367130056
71	29321	4101120297

Diploma Trainee (Civil)		
S.No	POWERGRID Application No	Roll No.
1	1124	1123230080
2	43513	1170210050
3	53186	1170210053
4	61677	1170220054
5	35760	1170220196
6	24531	1170230112
7	36942	1173220147
8	25671	1173220228
9	30551	1173250001
10	34268	1175220006
11	49257	1175220017
12	33432	1175220051
13	43529	1175250005
14	27557	1231230006

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Region: NR-II

Diploma Trainee (Electrical)		
S.No	**POWERGRID Application No**	**Roll No.**
1	7055	2305110034
2	21246	2305120011
3	40147	2305120037
4	48873	2305120042
5	29828	2305120107
6	32094	2305130029
7	48195	2305130152
8	82237	2305150011
9	53518	2306120020
10	56891	2306120021
11	15808	2306130006
12	70655	2306130035

Diploma Trainee (Civil)		
S.No	**POWERGRID Application No**	**Roll No.**
1	32807	2306210011
2	15995	2306230008
3	84274	2306230066
4	37377	3684210003

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Region: NR-III

Diploma Trainee (Electrical)		
S.No	**POWERGRID Application No**	**Roll No.**
1	41806	3151110006
2	32241	3151120028
3	34684	3151120032
4	54041	3151120055
5	30415	3151130021
6	40332	3151130036
7	71509	3153110028
8	64287	3153120065
9	37257	3160110028
10	58753	3160120059
11	43814	3160130038
12	9995	3163120014
13	56573	3163120052
14	38965	3163120102
15	29552	3163120289
16	67315	3163120336
17	34386	3163130221
18	22444	3164120011
19	22748	3165110004
20	26157	3165120017
21	50454	3165150009
22	39196	3171130081
23	58554	3171150007
24	34437	3204120041
25	63158	3204120099
26	22002	3210110003
27	69852	3210120001
28	21672	3210120011
29	84008	3215120122
30	1444	3247150004
31	58587	3250120077
32	30851	3250120153
33	2327	3250120211
34	44360	3250150005
35	1740	3252150001
36	39741	3258120179
37	64297	3258120215
38	66643	3258130053
39	42916	3258140003
40	75544	3262130067
41	44089	3309120029
42	67023	3348150006

Diploma Trainee (Civil)		
S.No	**POWERGRID Application No**	**Roll No.**
1	82603	3151220152
2	56165	3153250009
3	51546	3160250010
4	66351	3160250029
5	30610	3171220150
6	26299	3171230074
7	48936	3171250019
8	85864	3250220122

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Region: ER-I

Diploma Trainee (Electrical)		
S.No	**POWERGRID Application No**	**Roll No.**
1	67554	4101120014
2	90349	4101120202
3	54256	4101120343
4	70548	4101120436
5	35169	4102110047
6	67030	4102120225
7	11114	4102120278
8	39424	4102120305
9	42112	4102120308
10	55812	4102120329
11	75307	4102120370
12	77896	4102120381
13	90024	4102120400
14	42700	4102120502
15	67039	4102120551
16	39959	4138120040
17	77421	4138120131
18	16669	4138150004
19	66882	4146120095
20	32288	4146130010
21	9891	4286120001
22	24551	4286120015
23	40190	4286120128
24	80836	4286120188
25	3159	4286120316
26	71661	4286130032
27	32416	4286130079
28	14915	4286140006
29	38257	4286150018
30	30709	4286150039

Diploma Trainee (Civil)		
S.No	**POWERGRID Application No**	**Roll No.**
1	15464	4101220009
2	41733	4101220141
3	75012	4101220279
4	58124	4138220076
5	57353	4286220043

****

Region: ER-II

Diploma Trainee (Electrical)		
S.No	**POWERGRID Application No**	**Roll No.**
1	62126	5185110175
2	41514	5185110278
3	74379	5185120151
4	82192	5185120247
5	39019	5185120313
6	45366	5185120370
7	57487	5185120439
8	16228	5185130071
9	33480	5185130172
10	22207	5185130561
11	19124	5185140008
12	42043	5185140092
13	2841	5185150011
14	8197	5185150040
15	61998	5288120040
16	57003	5288120073

Diploma Trainee (Civil)		
S.No	**POWERGRID Application No**	**Roll No.**
1	58407	5185220090
2	50676	5288220014
3	56221	5288220016
4	87398	5288230058

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Region: NER

Diploma Trainee (Electrical)		
S.No	**POWERGRID Application No**	**Roll No.**
1	63887	3684110032
2	33321	3684120002
3	73050	3684120003
4	24239	3684120030
5	54145	3684120067
6	62157	3684120073
7	77709	3684120096
8	61885	3684120151
9	39047	3684130063
10	47845	3684150004
11	30827	3684150011
12	68058	3684150015

Diploma Trainee (Civil)		
S.No	**POWERGRID Application No**	**Roll No.**
1	27815	3684220019
2	49518	3684220024
3	49499	3684220042

Diploma Trainee (Civil) - PwBD		
S.No	**POWERGRID Application No**	**Roll No.**
1	52548	3684220014

Diploma Trainee (Electronics)		
S.No	**POWERGRID Application No**	**Roll No.**
1	27307	3684320022
2	76114	3684330065

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Region: SR-I

Diploma Trainee (Electrical)		
S.No	**POWERGRID Application No**	**Roll No.**
1	47778	6134120050
2	73049	6134120074
3	5017	6134120110
4	26920	6134140026
5	1443	6134140048
6	44397	6134150001
7	20885	6134150012
8	30847	6135120112
9	52199	6135120138
10	52170	6135120236
11	50249	6135120334
12	30002	6135130043
13	64942	6141120002
14	51922	6141120064
15	81681	6141120096
16	75813	6141120205
17	38647	6141120278
18	59996	6141120303
19	1386	6141130002
20	32356	6141130117
21	37585	6141130124
22	8858	6141140086
23	58185	6222120063
24	25988	6222120137
25	34031	6222120152
26	66549	6222120189
27	63547	6222150034
28	33227	6336120006
29	62903	6336120063
30	64077	6336120066
31	16444	6336120114
32	33250	6336120136
33	45543	6336120154
34	27709	6339110026
35	57403	6339120238
36	49997	6339130026
37	65974	6339130056
38	11755	6339150029

Diploma Trainee (Civil)		
S.No	**POWERGRID Application No**	**Roll No.**
1	2275	6134210001
2	82403	6134210014
3	37498	6134220144
4	33051	6134230060
5	64152	6134240038
6	1125	6339250006
7	88574	6339250016

Diploma Trainee (Electronics)		
S.No	**POWERGRID Application No**	**Roll No.**
1	58868	6339320038
2	66299	6339320045

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Region: WR-I

Diploma Trainee (Electrical)		
S.No	**POWERGRID Application No**	**Roll No.**
1	50240	1544120043
2	79865	1544120068
3	65955	1544120128
4	77392	1544120142
5	12519	1544130011
6	26166	1544140009
7	51495	1544140017
8	62233	1559130060
9	78001	1628110028
10	68007	1628120023
11	68544	1628120028
12	80022	1628120069
13	30245	1632110036
14	8683	1632120001
15	24285	1632120027
16	44222	1632120048
17	58054	1632120067
18	63722	1632120077
19	34488	1632120126
20	43929	1632120142
21	53889	1632120156
22	55540	1632120161
23	58069	1632120166
24	31495	1632120196
25	58027	1632120221
26	3293	1632140003
27	44772	1632150002
28	52726	1632150005
29	62015	1632150008
30	44212	1632150012
31	59849	1632150020
32	18054	1703120011
33	24384	1774130007
34	86411	1777140027
35	89852	1777150018

Diploma Trainee (Civil)		
S.No	**POWERGRID Application No**	**Roll No.**
1	77776	1559230089
2	9596	1559250001
3	52158	1632250004
4	27855	1703210007
5	63688	1776220005

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Region: WR-II

Diploma Trainee (Electrical)		
S.No	**POWERGRID Application No**	**Roll No.**
1	32100	8129120019
2	13215	8129120088
3	32199	8129120091
4	56351	8129120111
5	64041	8129120119
6	75150	8129120140
7	78082	8129120145
8	89847	8129120161
9	64543	8129120210
10	75637	8129120218
11	41904	8129130049
12	57213	8129130055
13	82369	8129130069
14	39820	8129130081
15	43510	8129140034
16	8884	8129140075
17	22894	8129140084
18	44235	8129140104
19	47857	8129140162
20	7210	8129150003
21	27012	8129150004
22	79721	8129150014
23	52672	8129150021
24	54117	8130120045
25	14836	8130140013
26	13860	8221120015
27	53694	8221130021
28	57146	8226120003
29	35449	8226120017
30	69721	8226120110
31	84811	8226120122
32	34397	8226120184
33	75706	8226140066
34	24022	8226150011
35	21483	8317150007

Diploma Trainee (Civil)		
S.No	**POWERGRID Application No**	**Roll No.**
1	78900	8127210015
2	82097	8127220059
3	3560	8127240001
4	30864	8130220008
5	22658	8221210001
6	35004	8221220016
7	55569	8317220015

Diploma Trainee (Electronics)		
S.No	**POWERGRID Application No**	**Roll No.**
1	56613	8221320015
2	27774	8317320008

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Region: Odisha Projects

Diploma Trainee (Electrical)		
S.No	**POWERGRID Application No**	**Roll No.**
1	14475	2578130029
2	4592	2581140018
3	45835	2581150004
4	79935	2581150006
5	82199	2581150008
6	44757	2582110023
7	6440	2683120001
8	16672	2683140065

Diploma Trainee (Civil)		
S.No	**POWERGRID Application No**	**Roll No.**
1	5629	2683220003
2	36853	2683220004
3	16598	2683240018

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Region: CC

Diploma Trainee (Electrical)		
S.No	**POWERGRID Application No**	**Roll No.**
1	83522	1140110028
2	69089	1140130077
3	34535	1140150006
4	85801	1140150013
5	80630	1173120055

Diploma Trainee (Civil)		
S.No	**POWERGRID Application No**	**Roll No.**
1	69259	1123220134
2	67770	1123230118
3	16384	1124220123
4	73301	1170220076

Diploma Trainee (Electronics)		
S.No	**POWERGRID Application No**	**Roll No.**
1	79613	1123320056
2	44866	1123320092
3	75256	1124320115
4	72832	1124320174

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