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(Electrical)
29 Sept, 2024

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Participant ID	
Participant Name	
TestCenterName	
TestDate	29/09/2024
TestTime	1:30 PM - 3:30 PM
Subject	ENGINEERINGASSISTANTELECTRICAL

Section: Technical

Q.1 The optimising fan speed contributes to energy conservation by _____.

Ans ✔A. improving ventilation efficiency

✗B. reducing fan lifespan

✗C. increasing wind-age loss

✗D. increasing energy consumption

Question ID :**630680403609**
Option 1 ID :**6306801573926**
Option 2 ID :**6306801573928**
Option 3 ID :**6306801573929**
Option 4 ID :**6306801573927**
Status :**Answered**
Chosen Option :**A**

Q.2WhatistheadvantageofoperatingType-DWindPowerPlants(WPPs)withWoundRotor Synchronous Generators (WRSG)?

Ans ✔A. Greater power output

✗B. Smoother grid connection

✗C. Reduced mechanical stresses

✗D. Lower energy losses

Question ID :**630680392251**
Option 1 ID :**6306801529350**
Option 2 ID :**6306801529351**
Option 3 ID :**6306801529352**
Option 4 ID :**6306801529353**
Status :**Answered**
Chosen Option :**B**

Q.3 Select the INCORRECT statements from among the following with respect to HighVoltageSchering bridge.
1) Earthed screens are used to avoid the effect of earth capacitance between high andlow impedance arms.
2) Wagnergroundconnectionisusedtoeliminatetheerrorsduetointer-capacitancebetween high and low impedance arms.
3) Earthed screens are used to avoid the errors due to inter- capacitance between highand low impedance arms.
4) Wagnergroundconnectionisusedtoeliminatetheeffectofearthcapacitanceonthe galvanometer and contact leads.

Ans ✗A. Statements(3) and (4)

✗B. Statements(2) and (3)

✗C. Statements (1) and (4)

✔D. Statements (1) and (2)

Question ID :**630680424748**
Option 1 ID :**6306801657304**
Option 2 ID :**6306801657305**
Option 3 ID :**6306801657306**
Option 4 ID :**6306801657303**
Status :**Answered**
Chosen Option :**C**

Q.4What current type transformer is it when its primary winding is having more than onefull turn wound on core?

Ans ✗A. Bar

✓B.Wound

✗C. Ring

✗D. Bush

Question ID :**630680396138**
Option 1 ID :**6306801544664**
Option 2 ID :**6306801544665**
Option 3 ID :**6306801544667**
Option 4 ID :**6306801544666**
Status :**Answered**
Chosen Option :**B**

Q.5What does a higher efficiency value indicate for a transmission line?Ans

✗A. Equal power delivery at the receiving end and the sending end

✗B. Higher line losses and lower power delivery at the receiving end

✓C. Lower line losses and higher power delivery at the receiving end

✗D. Unstable operation of the transmission line

Question ID :**630680368270**
Option 1 ID :**6306801434523**
Option 2 ID :**6306801434521**
Option 3 ID :**6306801434522**
Option 4 ID :**6306801434524**
Status :**Answered**
Chosen Option :**C**

Q.6What is the consequence of operating a single-phase transformer at a frequencysignificantly higher than its design frequency?

Ans ✗A. Reduced core losses

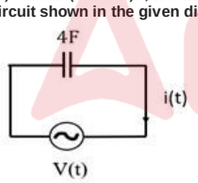
✓B. Increased core losses

✗C.Improvedefficiency

✗D. Decreased voltage regulation

Question ID :**630680426275**
Option 1 ID :**6306801663204**
Option 2 ID :**6306801663206**
Option 3 ID :**6306801663203**
Option 4 ID :**6306801663205**
Status :**Answered**
Chosen Option :**B**

Q.7Ifv(t)=100Sin(50t−50°)V,thenwhichofthefollowingstatementsis/arecorrectregarding the circuit shown in the given diagram?



(a) The current i(t) in the circuit equals to 20000 Sin(50t+40°)A.
(b) The current i(t) in the circuit leads the voltage v(t) by 40°.
(c) Admittance = −j200

Ω.Ans ✓A. Only (a)

✗B. Both (a) and (c)

✗C. (a), (b) and (c)

✗D. Both (a) and (b)

Question ID :**630680328978**
Option 1 ID :**6306801279868**
Option 2 ID :**6306801279865**
Option 3 ID :**6306801279866**
Option 4 ID :**6306801279867**
Status :**Answered**
Chosen Option :**A**

Q.8Whichpin(s)is/areusedtoselectthestepsizeintheADC0808/0809IC?Ans

A. Vref/2 and Vin

B.Vin/Vout

C.Vref

D.Vin

Question ID :**630680358745**
Option 1 ID :**6306801396948**
Option 2 ID :**6306801396947**
Option 3 ID :**6306801396946**
Option 4 ID :**6306801396945**
Status :**Answered**
Chosen Option :**A**

Q.9 In IGBT semiconductor to form PNPN layer the_____electrode connected toPlayer.

Ans A. collector

B. gate

C. emitter

D. drain

Question ID :**630680374792**
Option 1 ID :**6306801460335**
Option 2 ID :**6306801460338**
Option 3 ID :**6306801460336**
Option 4 ID :**6306801460337**
Status :**Answered**
Chosen Option :**B**

Q.10What types of serial communication does the 8051 microcontroller support?Ans A. Half duplex and full duplex

B. Synchronous and half-duplex

C. asynchronous and synchronous.

D. asynchronous and full-duplex

Question ID :**630680339859**
Option 1 ID :**6306801321960**
Option 2 ID :**6306801321957**
Option 3 ID :**6306801321959**
Option 4 ID :**6306801321958**
Status :**Answered**
Chosen Option :**D**

Q.11How does one move the entire display to the right on an LCD?Ans

A. 0 x 18

B. 0 x 1C

C. 0 x 01

D. 0 x 0F

Question ID :**630680339855**
Option 1 ID :**6306801321942**
Option 2 ID :**6306801321941**
Option 3 ID :**6306801321943**
Option 4 ID :**6306801321944**
Status :**Answered**
Chosen Option :**B**

Q.12Which of the following are NOT suitable as a solid biomass resource?Ans A.Alcohol Breweries

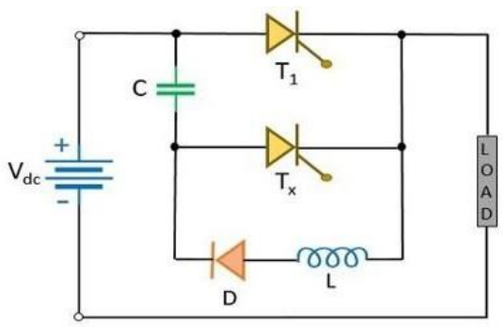
B. Metallic and plastic waste

C. Paper and cardboard

D. Husks

Question ID :**630680971399**
Option 1 ID :**6306803809648**
Option 2 ID :**6306803809650**
Option 3 ID :**6306803809649**
Option 4 ID :**6306803809647**
Status :**Answered**
Chosen Option :**A**

Q.13The given circuit represents_____.



Ans ✗ A. complementary commutation

✓B. auxiliary commutation

✗C. external pulse commutation

✗D. load commutation

Question ID :**630680352185**
Option 1 ID :**6306801370838**
Option 2 ID :**6306801370840**
Option 3 ID :**6306801370839**
Option 4 ID :**6306801370837**
Status :**Answered**
Chosen Option :**B**

Q.14The most economical transmission voltage is_____per km of transmission line.Ans ✗A. 440 volts

✓B. 650 volts

✗C. 750 volts

✗D. 850 volts

Question ID :**630680401928**
Option 1 ID :**6306801567458**
Option 2 ID :**6306801567459**
Option 3 ID :**6306801567460**
Option 4 ID :**6306801567461**
Status :**Answered**
Chosen Option :**B**

Q.15The calibration of DC potentiometers is carried out by instruments that are _____.

Ans ✗A. bothAC and DC

✗B.AC only

✓C. DC only

✗D. eitherAC or DC

Question ID :**630680396189**
Option 1 ID :**6306801544870**
Option 2 ID :**6306801544869**
Option 3 ID :**6306801544868**
Option 4 ID :**6306801544871**
Status :**Answered**
Chosen Option :**C**

Q.16Which method of stringing overhead transmission conductors involves dragging theconductor along the ground by a vehicle or pulling device?

Ans ✗A. Helicopter stringing

✗B. Full-tension stringing

✗C. Semi-tension stringing

✓D. Slack stringing

Question ID :**630680396765**
Option 1 ID :**6306801547147**
Option 2 ID :**6306801547146**
Option 3 ID :**6306801547145**
Option 4 ID :**6306801547144**
Status :**Answered**
Chosen Option :**D**

Q.17 To adjust the power factor of the synchronous motor, we have to adjust the _____.

Ans
✗ A. supply frequency
✗ B. speed
✗ C. supply voltage
✓ D. excitation

Question ID :**630680618154**
Option 1 ID :**6306802418959**
Option 2 ID :**6306802418957**
Option 3 ID :**6306802418960**
Option 4 ID :**6306802418958**
Status :**Answered**
Chosen Option :**D**

Q.18 Three resistances, each of 39 Ω, are connected in star connection. What will be the value of each resistance in equivalent delta connection?

Ans
✗ A. Zero
✗ B. 11Ω
✓ C. 117Ω
✗ D. 13 Ω

Question ID :**630680328966**
Option 1 ID :**6306801279820**
Option 2 ID :**6306801279819**
Option 3 ID :**6306801279817**
Option 4 ID :**6306801279818**
Status :**Answered**
Chosen Option :**C**

Q.19 Which of the following is the right is the condition for maximum power developed by the motor if I_a=Armature current, R_a=Armature resistance and V=Terminal voltage and E_b= Back EMF?

Ans
✗ A. $\frac{I_a}{R_a} = \frac{V}{2} = E_b$
B. $I_a R_a = 2V = \frac{E_b}{2}$
C. $\frac{I_a}{R_a} = 0$
D. $I_a R_a = \frac{V}{2} = E_b$

Question ID :**630680503357**
Option1 ID:**6306801967011**
Option 2 ID :**6306801967010**
Option 3 ID :**6306801967012**
Option 4 ID :**6306801967009**
Status :**Answered**
Chosen Option :**D**

Q.20 A 6-pole 3-phase induction motor is coupled with a 2-pole single-phase induction motor, and both the motors run on 50 Hz supply voltage. The frequency of the emf sa tthe rotor terminals when the single-phase motor is driven in the direction of the induction motor stator rotating field is___, and the rotor frequency when the same motor is driven in the direction opposite to the induction motor stator rotating field is _____.

Ans
✗ A. 200 Hz; 66.5 Hz
✓ B. 66.5 Hz; 200 Hz
✗ C. 201 Hz; 65.6 Hz
✗ D. 210 Hz; 65.5 Hz

Question ID :**630680337205**
Option1 ID:**6306801311543**
Option2 ID:**6306801311541**
Option3 ID:**6306801311542**
Option4 ID:**6306801311544**
Status :**Answered**
Chosen Option :**B**

Q.21 The voltage determined by the DC potentiometer is independent of _____.

Ans
✗A. load power
✗B. energy consumption
✓C. source resistance
✗D. load current

Question ID :**630680396193**
Option 1 ID :**6306801544886**
Option 2 ID :**6306801544887**
Option 3 ID :**6306801544885**
Option 4 ID :**6306801544884**
Status :**Answered**
Chosen Option :**B**

Q.22 The correct expression for the capacitance of a single 3-phase unsymmetrical line with transposed conductors, with r = radius of the conductor and x, y and z as spacing between conductors, is:

Ans
✓A. $C = \frac{2\pi\epsilon_0}{\log_e \frac{\sqrt[3]{xyz}}{r}}\ \text{F/m}$

B. $C = \frac{2\pi\epsilon_0}{\log_e r}\ \text{F/m}$

C. $C = \frac{2\pi\epsilon_0}{\log_e \sqrt[3]{xyz}}\ \text{F/m}$

D. $C = \frac{\pi\epsilon_0}{\log_e \frac{\sqrt[3]{xyz}}{r}}\ \text{F/m}$

Question ID :**630680407215**
Option 1 ID :**6306801587805**
Option 2 ID :**6306801587804**
Option 3 ID :**6306801587802**
Option 4 ID :**6306801587803**
Status :**Answered**
Chosen Option :**A**

Q.23 The value of internal flux linkage at a distance of x along a straight cylindricalconductor carrying a current I of radius r metres and surrounded by a magnetic fieldis:

Ans
✗A. $\psi_{int} = \frac{1}{4}\ \text{x}\ 10^{-7}\ \text{Wb} - \text{turns/m}$

✗B. $\psi_{int} = 2\ \text{I x}\ 10^{-7}\ \text{Wb} - \text{turns/m}$

C. $\psi_{int} = \frac{1}{2}\ \text{I x}\ 10^{-8}\ \text{Wb} - \text{turns/m}$

D. $\psi_{int} = \frac{1}{2}\ \text{Ix}\ 10^{-7}\ \text{Wb} - \text{turns/m}$

Question ID :**630680396784**
Option 1 ID :**6306801547221**
Option 2 ID :**6306801547220**
Option 3 ID :**6306801547223**
Option 4 ID :**6306801547222**
Status :**Answered**
Chosen Option :**D**

Q.24 WhichofthefollowingoptionsisNOTtrueregardingactivepowerinanACseriescircuit?

Ans
✗A.Active power is the useful power in anAC circuit
✓B.Active power is independent of power factor of circuit
✗C.Active power is directly proportional to circuit power factor
✗D.Active power is dissipated on resistive component of impedance

Question ID :**630680334710**
Option 1 ID :**6306801302097**
Option 2 ID :**6306801302099**
Option 3 ID :**6306801302098**
Option 4 ID :**6306801302100**
Status :**Answered**
Chosen Option :**B**

Q.25How does the Intelligent Power Factor Controller (IPFC) contribute to optimisingpower factor correction?

Ans ✗A. By adding more capacitors to the system

✗B. By increasing power factor correction without considering load conditions

✗C. By decreasing power factor correction under all circumstances

✓D. By dynamically adjusting power factor correction to minimise losses and improveefficiency

Question ID :**630680373444**
Option 1 ID :**6306801455050**
Option 2 ID :**6306801455047**
Option 3 ID :**6306801455049**
Option 4 ID :**6306801455048**
Status :**Answered**
Chosen Option :**D**

Q.26In a battery charger system, SCR act as a:

Ans ✓A. rectifier

✗B.switch

✗C. chopper

✗D. inverter

QuestionID:**630680352119**
Option 1 ID :**6306801370575**
Option 2 ID :**6306801370576**
Option 3 ID :**6306801370574**
Option 4 ID :**6306801370573**
Status :**Answered**
Chosen Option :**A**

Q.27Which of the following steps should be followed while reading data from an LCD?Ans ✗A.The R/W pin is raised.

✗B.E pinhas ahigh tolow pulse,while R/Wpin isset to low.

✗C. low to high pulse at E pin

✓D.The R/W pin is set high, and the E pin has a low to high pulse.

Question ID :**630680366335**
Option 1 ID :**6306801426858**
Option 2 ID :**6306801426860**
Option 3 ID :**6306801426857**
Option 4 ID :**6306801426859**
Status :**Answered**
Chosen Option :**D**

Q.28The net area under the load duration curve denotes:

Ans ✓A. generated energy during the duration

✗B.system'sbaseload

✗C.system'speakload

✗D.system'saverageload

Question ID :**630680333463**
Option 1 ID :**6306801297127**
Option 2 ID :**6306801297128**
Option 3 ID :**6306801297125**
Option 4 ID :**6306801297126**
Status :**Answered**
Chosen Option :**A**

Q.29_____distribution system is more reliable than other distribution systems.Ans ✗A. Radial

✓B. Ring main

✗C. Circular

✗D.Tree

Question ID :**630680401917**
Option 1 ID :**6306801567416**
Option 2 ID :**6306801567414**
Option 3 ID :**6306801567417**
Option 4 ID :**6306801567415**
Status :**Answered**
Chosen Option :**B**

Q.30 Which of the following statements is/are correct regarding reciprocity theorem?
a) It is applicable to a multisource network.
b) It is applicable to a circuit containing both independent and dependent sources.
c) It is applicable to a network having only one independent source.

Ans
✔A. Only (c)
✘B. Only (a)
✘C. Only (a) and (b)
✘D. Only (b) and (c)

Question ID :**630680328968**
Option 1 ID :**6306801279828**
Option 2 ID :**6306801279827**
Option 3 ID :**6306801279825**
Option 4 ID :**6306801279826**
Status :**Answered**
Chosen Option :**A**

Q.31 In brushless DC motor, the electronic drive is an inverter which consists of a transistor connected to stator windings. These transistors are controlled by the pulses generated by _____.

Ans
✔A. rotor position sensor
✘B. optical sensor
✘C. phototransistor sensor
✘D. stator position sensor

Question ID :**630680379049**
Option 1 ID :**6306801477244**
Option 2 ID :**6306801477245**
Option 3 ID :**6306801477246**
Option 4 ID :**6306801477243**
Status :**Answered**
Chosen Option :**A**

Q.32 Why is a charge controller necessary for a PV system with batteries?

Ans
✔A. To prevent overcharging of the batteries
✘B. To track the movement of the sun
✘C. To generate electricity from solar energy
✘D. To increase the voltage output of the solar cells

Question ID :**630680374472**
Option 1 ID :**6306801459070**
Option 2 ID :**6306801459068**
Option 3 ID :**6306801459067**
Option 4 ID :**6306801459069**
Status :**Answered**
Chosen Option :**A**

Q.33 How is the transposition of line conductors carried out?

Ans
✘A. Increasing the number of conductors in each phase
✔B. Changing the positions of the three phases on the line supports
✘C. Adjusting the voltage levels in each phase
✘D. Balancing the power transfer between the phases

Question ID :**630680368271**
Option 1 ID :**6306801434526**
Option 2 ID :**6306801434525**
Option 3 ID :**6306801434528**
Option 4 ID :**6306801434527**
Status :**Answered**
Chosen Option :**B**

Q.34 In a shaded pole motor, the stator is made of _____.

Ans
✘A. laminated salient poles with a number of slots cut in each pole
✘B. smooth cylindrical structure with the shading ring around the cylindrical periphery
✘C. smooth cylindrical structure with slots all along the periphery housing the shading coil
✔D. laminated salient poles with a slot at one-third distance from one edge on each pole

Question ID :**630680694992**
Option 1 ID :**6306802722208**
Option 2 ID :**6306802722209**
Option 3 ID :**6306802722210**
Option 4 ID :**6306802722207**
Status :**Answered**
Chosen Option :**D**

Q.35If there is any mechanical displacement at the point balance, then the value of thequantity is measured. This type of instrument is called_____.

Ans
✗A. Secondary instrument
✗B.Absolute instrument
✗C. Null type instrument
✓D. Deflection type instrument

Question ID :**630680396175**
Option 1 ID :**6306801544815**
Option 2 ID :**6306801544814**
Option 3 ID :**6306801544813**
Option 4 ID :**6306801544812**
Status :**Answered**
Chosen Option :**D**

Q.36 Calculate the output DC voltage for a single-phase semi converter for vs=400 sinωt and whose firing angle α is 90 degrees.

Ans
✓A. 198.14
✗B. 200
✗C. 270
✗D. 168.4

Question ID :**630680374791**
Option 1 ID :**6306801460332**
Option 2 ID :**6306801460334**
Option 3 ID :**6306801460331**
Option 4 ID :**6306801460333**
Status :**Answered**
Chosen Option :**C**

Q.37A DC shunt motor with a voltage of 200 volts and a speed of 1000 revolutions perminute requires an armature current of 20 amps. It is necessary to slow down to 500revolutions per minute. If the initial resistance of the armature is 0.5 Ω, what must thevalue of the resistance that is injected into the armature circuit be? Consider that thecurrent through the armature will remain the same during this process.

Ans
✓A.4.75 Ω
✗B.0Ω
✗C.5.5Ω
✗D.8.5Ω

Question ID :**630680503351**
Option 1 ID :**6306801966987**
Option 2 ID :**6306801966985**
Option 3 ID :**6306801966986**
Option 4 ID :**6306801966988**
Status :**Answered**
Chosen Option :**A**

Q.38What is the definition of 'connected load' in an electrical system?Ans ✗
A.Theloadconnectedtothesystemwiththehighestpowerrating
✗B.The load connected to the system that requires the highest voltage
✗C.The sum of all loads connected to the system, regardless of their ratings
✓D.The sum of the continuous ratings of all loads connected to the system

Question ID :**630680374437**
Option 1 ID :**6306801458929**
Option 2 ID :**6306801458930**
Option 3 ID :**6306801458927**
Option 4 ID :**6306801458928**
Status :**Answered**
Chosen Option :**D**

Q.39 Three 50 Ω resistances are connected in star across an 800 V, 50 Hz, 3-phase supply. Ifone of the three resistances is open circuited, the value of total power taken from themains is_____.

Ans
✗ A. $9600\sqrt{3}$ W
✓ B. 6400 W
✗ C. 1000 W
✗ D. 9600 W

Question ID :**630680210766**
Option 1 ID :**630680817225**
Option 2 ID :**630680817223**
Option 3 ID :**630680817226**
Option 4 ID :**630680817224**
Status :**Answered**
Chosen Option :**B**

Q.40 Whichofthefollowingstatementsis/areFALSEinregardtothree-phaseinductionmotors?

A) The EMFs induced in every rotor bar will have the same magnitude and frequencyand they will be in phase.

B) Induced EMF is directly proportional to the slip.

C) There is no induced EMF when the rotor is stationaryand the induced EMF ismaximum when the rotor runs at a synchronous speed.

D) The frequency of the rotor EMF (the slip frequency) is also directly proportional toslip.

Ans
✓ A. OnlyA
✗ B.Aand B
✗ C. B and D
✗ D. Only C

Question ID :**630680339349**
Option 1 ID :**6306801319967**
Option 2 ID :**6306801319965**
Option 3 ID :**6306801319968**
Option 4 ID :**6306801319966**
Status :**Answered**
Chosen Option :**D**

Q.41 The fastest rise time a sine wave can have to be accurately reproduced by theinstrument is 350 ns. What is the value of bandwidth of the oscilloscope?

Ans
✗ A. 0.1 MHz
✗ B. 0.01 MHz
✗ C. 10 MHz
✓ D. 1 MHz

Question ID :**630680405719**
Option 1 ID :**6306801582022**
Option 2 ID :**6306801582023**
Option 3 ID :**6306801582020**
Option 4 ID :**6306801582021**
Status :**Answered**
Chosen Option :**D**

Q.42 Intheshortcircuittestonastarconnectedthreephasealternator,afieldcurrentof5A gives an armature current of 40 A. In the open circuit test, the same field currentproduces an open circuit voltage of 240 V per phase. What is the synchronousimpedance per phase?

Ans
✗ A.8Ω
✗ B.48Ω
✗ C.12Ω
✓ D.6Ω

Question ID :**630680618278**
Option 1 ID :**6306802419442**
Option 2 ID :**6306802419441**
Option 3 ID :**6306802419444**
Option 4 ID :**6306802419443**
Status :**Answered**
Chosen Option :**D**

Q.43A voltage V = 200Sin(t) is applied to a circuit consisting of a 4 Ω resistor and a 0.25 Fcapacitor that are connected in series. The maximum value of the current through thecircuit is___.

Ans
A. $50\ \text{A}$
✔B. $25\sqrt{2}\ \text{A}$
✗C. $50\sqrt{2}\ \text{A}$
D. $25\ \text{A}$

Question ID :**630680338929**
Option 1 ID :**6306801318305**
Option 2 ID :**6306801318307**
Option 3 ID :**6306801318308**
Option 4 ID :**6306801318306**
Status :**Answered**
Chosen Option :**B**

Q.44Which of the following steps describes how a microprocessor operate?Ans ✔A. Opcode fetch, memory read, memory write, I/O read, I/O write
✗B. Opcode fetch, memory write, memory read, I/O read, I/O write
✗C. I/O write, opcode fetch, memory write, memory read, I/O read
✗D. I/O read, opcode fetch, memory read, memory write, I/O write

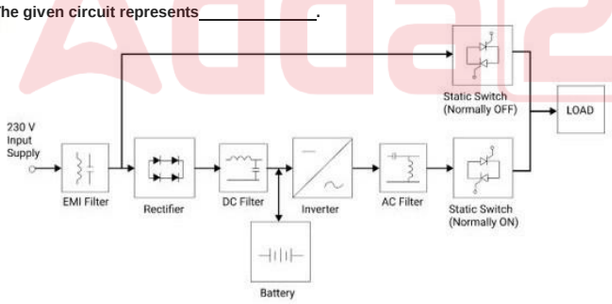
Question ID :**630680339829**
Option 1 ID :**6306801321837**
Option 2 ID :**6306801321838**
Option 3 ID :**6306801321839**
Option 4 ID :**6306801321840**
Status :**Answered**
Chosen Option :**A**

Q.45Which of the following devices is used for static reactive power compensation in anindustrial system?

Ans ✗A. Battery
✗B.Transformer
✗C. Induction motor
✔D. Synchronous motor

Question ID :**630680373439**
Option 1 ID :**6306801455027**
Option 2 ID :**6306801455028**
Option 3 ID :**6306801455029**
Option 4 ID :**6306801455030**
Status :**Answered**
Chosen Option :**D**

Q.46The given circuit represents_____.



Ans ✗ A. no line UPS
✔B. on-line UPS
✗C. line interactive UPS
✗D.off-lineUPS

QuestionID:**630680387311**
Option 1 ID :**6306801509930**
Option 2 ID :**6306801509931**
Option 3 ID :**6306801509932**
Option 4 ID :**6306801509933**
Status :**Answered**
Chosen Option :**B**

Q.47 If the bandwidth of an oscilloscope is given as direct current to 35 MHz, what is thefastestrisetimeasinewavecanhavetobeproducedaccuratelybytheoscilloscope?

Ans
✗ A. 10 s
✗ B. 0.01 ns
✗ C. 0.1 s
✓ D. 10 ns

Question ID :**630680405720**
Option 1 ID :**6306801582024**
Option 2 ID :**6306801582027**
Option 3 ID :**6306801582026**
Option 4 ID :**6306801582025**
Status :**Answered**
Chosen Option :**D**

Q.48 What can be said about the value of the diversity factor? Ans
✗ A. It is always less than one.
✗ B. It is always equal to one.
✗ C. It varies depending on the size of the power station.
✓ D. It is always greater than one.

Question ID :**630680374429**
Option 1 ID :**6306801458895**
Option 2 ID :**6306801458896**
Option 3 ID :**6306801458898**
Option 4 ID :**6306801458897**
Status :**Answered**
Chosen Option :**D**

Q.49 Themaximumdemandonapowerstationis200MW.Calculatetheenergygeneratedin 10 days if the load factor is 50%

Ans
✗ A. 24 × 10^3kWh
✗ B. 240 × 10^3kWh
✗ C. 24 kWh
✓ D. 24 × 10^6kWh

Question ID :**630680509642**
Option 1 ID :**6306801991773**
Option 2 ID :**6306801991776**
Option 3 ID :**6306801991775**
Option 4 ID :**6306801991774**
Status :**Answered**
Chosen Option :**D**

Q.50 Amaterialwithonedimension innanorangeandtheothertwodimensionsinlargerange is called_____.

Ans
✗ A. quantum wire
✗ B. quantum dot
✓ C. quantum well
✗ D. micro-material

Question ID :**630680352156**
Option 1 ID :**6306801370722**
Option 2 ID :**6306801370724**
Option 3 ID :**6306801370723**
Option 4 ID :**6306801370721**
Status :**Answered**
Chosen Option :**C**

Q.51 Inthevoltageequationofthe DC shuntmotor,whichofthefollowingisNOTaparamete r of voltage equation?

Ans
✗ A. Back EMF
✓ B. Voltagedropatload
✗ C. Brush voltage
✗ D. Voltagedropatarmature

Question ID :**630680379051**
Option 1 ID :**6306801477251**
Option 2 ID :**6306801477253**
Option 3 ID :**6306801477252**
Option 4 ID :**6306801477254**
Status :**Answered**
Chosen Option :**B**

Q.52 A resistance of 12 Ω, an inductance of $(\frac{1}{10\pi})$ H, and a capacitance of $(\frac{1}{100\pi})$ F are connected in series. The impedance of the circuit when connected across a supply of 230 V, 50 Hz is:

Ans ✔A.15Ω

✘B.25Ω

✘C.23Ω

✘D.21Ω

Question ID :**630680334718**
Option 1 ID :**6306801302129**
Option 2 ID :**6306801302130**
Option 3 ID :**6306801302131**
Option 4 ID :**6306801302132**
Status :**Answered**
Chosen Option :**A**

Q.53Which of the following is NOT a type of power factor tariff?Ans ✔A.Two-part tariff

✘B.kVAmaximumdemand tariff

✘C.kWandkVARtariff

✘D.Slidingscaletariff

Question ID :**630680509638**
Option 1 ID :**6306801991760**
Option 2 ID :**6306801991757**
Option 3 ID :**6306801991759**
Option 4 ID :**6306801991758**
Status :**Answered**
Chosen Option :**A**

Q.54Which of the following should a tariff include?
(a) Recovery of cost of producing electrical energy at the power station.
(b) Asuitable profit on the capital investment.
(c) Recoveryofcostofoperationandmaintenanceofsupplyofelectricalenergy.Ans

✔A. (a), (b) and (c)

✘B. (a) and (b) only

✘C. (a) and (c) only

✘D. (b) and (c) only

Question ID :**630680509632**
Option 1 ID :**6306801991736**
Option 2 ID :**6306801991733**
Option 3 ID :**6306801991735**
Option 4 ID :**6306801991734**
Status :**Answered**
Chosen Option :**A**

Q.55What is the function of the magnetising component of the primary current in an actualtransformer working at no load?

Ans ✘A.TocounteractthesecondaryMMF

✘B.Tosupplyironlossesinthecore

✔C.TosustainthealternatingfluxinthecoreD.Tosupplycopperlossesinthewindings

Question ID :**630680503332**
Option 1 ID :**6306801966912**
Option 2 ID :**6306801966909**
Option3ID:**6306801966911**
Option 4 ID :**6306801966910**
Status :**Answered**
Chosen Option :**C**

Q.56What function does the Power Electronic Converter (PEC) serve in type-D geared WindPower Plants (WPPs) with Permanent Magnet Synchronous Generators (PMSGs)?

Ans ✔A. It decouples the generator from the grid

✘B. It generates electrical power from wind

✘C. It connects the generator to the mechanical drive train

✘D. It adjusts the rotor speed of the generator

Question ID :**630680426251**
Option1ID:**6306801663110**
Option 2 ID :**6306801663107**
Option 3 ID :**6306801663109**
Option 4 ID :**6306801663108**
Status :**Answered**
Chosen Option :**D**

Q.57 A physical quantity of energy that is converted from one form to another by an electronic device is referred to as_____.

Ans ✗ A. Transistor

✗ B. Rectifier

✓ C. Transducer

✗ D. Sensor

Question ID :**630680339821**
Option 1 ID :**6306801321805**
Option 2 ID :**6306801321807**
Option 3 ID :**6306801321808**
Option 4 ID :**6306801321806**
Status :**Answered**
Chosen Option :**C**

Q.58 Squirrel cage induction motor requires only periodic maintenance as there are _____.

Ans ✗ A. no commutator

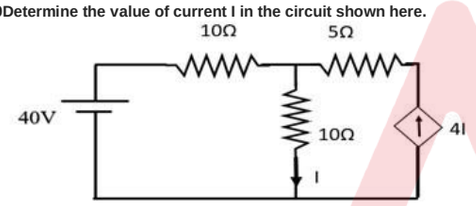
✗ B. semi-closed slots

✓ C. no brushes and slip rings

✗ D. open slots

Question ID :**630680337195**
Option1ID:**6306801311502**
Option2ID:**6306801311504**
Option3ID:**6306801311501**
Option4ID:**6306801311503**
Status :**Answered**
Chosen Option :**C**

Q.59 Determine the value of current I in the circuit shown here.



Ans ✗ A. -8A

✗ B. +2A

✗ C. +8A

✓ D. -2A

Question ID :**630680209175**
Option 1 ID :**630680810917**
Option 2 ID :**630680810916**
Option 3 ID :**630680810918**
Option 4 ID :**630680810915**
Status :**Answered**
Chosen Option :**D**

Q.60 Three-phase induction machines find applications in the area where constant speed is required. This constant speed of induction motors is due to_____.

Ans ✗ A. compound characteristics

✗ B. series characteristics

✓ C. shunt characteristics

✗ D. cumulative characteristics

Question ID :**630680337191**
Option1ID:**6306801311485**
Option2ID:**6306801311488**
Option3ID:**6306801311487**
Option4ID:**6306801311486**
Status :**Answered**
Chosen Option :**C**

Q.61How is the starting resistance used in a shunt motor connected to the armature andthe field winding?

Ans ✗A.The starting resistance is connected in series with the field winding.

✗B.The starting resistance is connected in parallel with the armature.

✗C. The starting resistance is connected in series with both the field winding andarmature winding.

✓D.The starting resistance is connected in series with the armature.

Question ID :**630680503344**
Option 1 ID :**6306801966958**
Option 2 ID :**6306801966959**
Option 3 ID :**6306801966957**
Option 4 ID :**6306801966960**
Status :**Answered**
Chosen Option :**C**

Q.62The_____instruction set enables the user to substitute a single instruction fornumerous simple ones.

Ans ✗A. RISC

✓B. CISC

✗C. EPM

✗D. MISC

Question ID :**630680358751**
Option 1 ID :**6306801396970**
Option 2 ID :**6306801396969**
Option 3 ID :**6306801396972**
Option 4 ID :**6306801396971**
Status :**Answered**
Chosen Option :**B**

Q.63In terms of overall cost, Gas Insulated Substation(GIS) is more advantageous in whichtype of areas?

Ans ✗A. Industrial areas with complex power requirements

✗B. Remote areas with limited access to resources

✗C. Rural areas with ample space for substations

✓D. Urban areas with high site availability and low cost

Question ID :**630680396751**
Option 1 ID :**6306801547090**
Option 2 ID :**6306801547091**
Option 3 ID :**6306801547089**
Option 4 ID :**6306801547088**
Status :**Answered**
Chosen Option :**B**

Q.64In a three-phase star connected load, the phase voltage and phase current of a phaseis given by V_{ph} = 2 + j4 V and I_{ph}= 3 − j2 A. The complex power will be___.

Ans ✓A.(-6+j48)VA ✗

B.(-2+j16)VA

✗C.(42+j24)VA

✗D.(14+j8)VA

Question ID :**630680328982**
Option 1 ID :**6306801279882**
Option 2 ID :**6306801279883**
Option 3 ID :**6306801279881**
Option 4 ID :**6306801279884**
Status :**Answered**
Chosen Option :**B**

Q.65What is the voltage equation of a DC motor commonly referred to as?Ans

✓A. Motor equation

✗B. Ohm's law

✗C. Lenz's law

✗D. Faraday's law

Question ID :**630680426274**
Option 1 ID :**6306801663202**
Option 2 ID :**6306801663199**
Option 3 ID :**6306801663201**
Option 4 ID :**6306801663200**
Status :**Answered**
Chosen Option :**B**

Q.66The amorphous transformer is known for their improved _____.

Ans ✗A. voltage regulation

✓B.energyefficiency

✗C. mechanical strength

✗D. resistance to extreme temperatures

Question ID :**630680373454**
Option 1 ID :**6306801455088**
Option 2 ID :**6306801455087**
Option 3 ID :**6306801455090**
Option 4 ID :**6306801455089**
Status :**Answered**
Chosen Option :**D**

Q.67In order to relieve the line of excessive tension,_____insulators are used.Ans ✗A. pin

✓B. strain

✗C. shackle

✗D. disc

Question ID :**630680401948**
Option 1 ID :**6306801567538**
Option 2 ID :**6306801567540**
Option 3 ID :**6306801567541**
Option 4 ID :**6306801567539**
Status :**Answered**
Chosen Option :**B**

Q.68Full bridge converter has three stages, of which the first stage is _____.

Ans ✗A. transformer network

✗B. energy transformer network

✗C. square wave generator

✓D. rectifier network

Question ID :**630680387309**
Option 1 ID :**6306801509923**
Option 2 ID :**6306801509925**
Option 3 ID :**6306801509924**
Option 4 ID :**6306801509922**
Status :**Answered**
Chosen Option :**B**

Q.69The strength of the sawtooth voltage produced by the time base generator is amplifiedby using_.

Ans ✗A.TimeBaseGenerators

✗B.VerticalAmplifiers

✗C.TriggerCircuits

✓D. HorizontalAmplifiers

Question ID :**630680396147**
Option 1 ID :**6306801544702**
Option 2 ID :**6306801544700**
Option 3 ID :**6306801544703**
Option 4 ID :**6306801544701**
Status :**Answered**
Chosen Option :**D**

Q.70Which of the following registers does NOT fall under the umbrella of special functionregisters in 8051?

Ans ✓A. SPand PC

✗B.TCON andTMOD

✗C. P0 and P1

✗D.TH0 andTL0

Question ID :**630680358752**
Option 1 ID :**6306801396973**
Option 2 ID :**6306801396974**
Option 3 ID :**6306801396976**
Option 4 ID :**6306801396975**
Status :**Answered**
Chosen Option :**A**

Q.71 In a half bridge converter, the flyback converter is used to provide _____ to higher or lower level of input voltage.

Ans
✔ A. output voltage
✘ B. output current
✘ C. input voltage
✘ D. input current

Question ID : **630680352127**
Option 1 ID : **6306801370606**
Option 2 ID : **6306801370607**
Option 3 ID : **6306801370605**
Option 4 ID : **6306801370608**
Status : **Answered**
Chosen Option : **A**

Q.72 Which of the following processes takes place in Biomass energy conversion?

Ans
✘ A. Thermal conversion, chemical conversion and electrochemical conversion
✘ B. Electrochemical conversion, biochemical conversion and chemical conversion
✘ C. Chemical conversion and biochemical conversion
✔ D. Thermal conversion, chemical conversion, biochemical conversion and electrochemical conversion

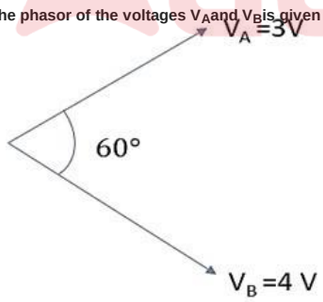
Question ID : **630680971367**
Option 1 ID : **6306803809567**
Option 2 ID : **6306803809568**
Option 3 ID : **6306803809570**
Option 4 ID : **6306803809569**
Status : **Answered**
Chosen Option : **D**

Q.73 Which of the following points is true about slip ring induction motors?
A) Low power factor at light loads
B) Sensitivity to fluctuations in the supply voltage
C) Low starting torque
D) Poor speed

Ans
✔ A. A, B and D
✘ B. A, B and C
✘ C. A, C and D
✘ D. B, C and D

Question ID : **630680339366**
Option 1 ID : **6306801320033**
Option 2 ID : **6306801320034**
Option 3 ID : **6306801320036**
Option 4 ID : **6306801320035**
Status : **Answered**
Chosen Option : **A**

Q.74 The phasor of the voltages V_A and V_B is given in the diagram. Find the voltage V_{AB}.



Ans
✘ A. $7\ V$
✘ B. $5\ V$
✔ C. $\sqrt{13}\ V$
D. $\sqrt{37}\ V$

Question ID : **630680328974**
Option 1 ID : **6306801279849**
Option 2 ID : **6306801279852**
Option 3 ID : **6306801279851**
Option 4 ID : **6306801279850**
Status : **Answered**
Chosen Option : **D**

Q.75 How are Aggregated Technical and Commercial (ATC) losses usually expressed whenanalysing distribution systems on a regional level?

Ans ✗A. In terms of power factor

✗B. In kilowatt-hours

✗C. In terms of harmonics

✓D.As a percentage of power generation

QuestionID:**630680396116**
Option 1 ID :**6306801544579**
Option 2 ID :**6306801544576**
Option 3 ID :**6306801544577**
Option 4 ID :**6306801544578**
Status :**Answered**
Chosen Option :**B**

Section : **NumericalAbility**

Q.76In what duration (in years) will ₹1800 fetch a simple interest of ₹1080 at 3% per annumrate of interest?

Ans ✗A. 19

✗B. 21

✓C. 20

✗D. 40

Question ID :**630680612221**
Option 1 ID :**6306802395619**
Option 2 ID :**6306802395618**
Option 3 ID :**6306802395616**
Option 4 ID :**6306802395617**
Status :**Answered**
Chosen Option :**C**

Q.776 परणामोंकाऔसत 49हैऔरपहले5 परणामोंकाऔसत 48है।छठापरणाम है:

Ans ✗A. 48

✗B. 53

✗C. 49

✓D. 54

Question ID :**630680573316**
Option 1 ID :**6306802242134**
Option 2 ID :**6306802242135**
Option 3 ID :**6306802242133**
Option 4 ID :**6306802242132**
Status :**Answered**
Chosen Option :**D**

Q.78The sum of 6 numbers is 744. Find their average.Ans

✗A. 122

✗B. 125

✗C. 123

✓D. 124

Question ID :**630680551913**
Option 1 ID :**6306802157880**
Option 2 ID :**6306802157879**
Option 3 ID :**6306802157878**
Option 4 ID :**6306802157877**
Status :**Answered**
Chosen Option :**D**

Q.79What is the mean proportional between 90 and 10?Ans ✗A. 50

✗B. 33

✓C. 30

✗D. 25

QuestionID:**6306801063116**
Option 1 ID :**6306804174826**
Option 2 ID :**6306804174824**
Option 3 ID :**6306804174823**
Option 4 ID :**6306804174825**
Status :**Answered**
Chosen Option :**A**

Q.80 The marked price of an article is ₹216 and successive discounts of 38% and 30% areofferedonitssale.Thesellingprice(roundedoffto2decimalplaces)ofthearticleis:

Ans ✗A.₹97.62✓

B.₹93.74

✗C.₹93.61

✗D.₹91.07

Question ID :**630680796434**
Option 1 ID :**6306803120725**
Option 2 ID :**6306803120724**
Option 3 ID :**6306803120726**
Option 4 ID :**6306803120727**
Status :**Answered**
Chosen Option :**B**

Q.81 ₹8699isdividedamongP,Q,andRinsuchawaythatif₹57,₹12,and₹28bedeductedfrom their respective shares, they have money in the ratio 2:4:5. Find the differencebetweenthe Q's and R's share.

Ans ✓A.₹782

✗B.₹682

✗C.₹832

✗D.₹882

Question ID :**6306801063101**
Option 1 ID :**6306804174763**
Option 2 ID :**6306804174764**
Option 3 ID :**6306804174765**
Option 4 ID :**6306804174766**
Status :**Answered**
Chosen Option :**A**

Q.82 Atypisttakes40minutesto type4pages.Howlong (inminutes)willhetake totype110pages?

Ans ✗A.1110

✗B.1105

✗C. 1090

✓D.1100

Question ID :**630680915309**
Option 1 ID :**6306803586283**
Option 2 ID :**6306803586282**
Option 3 ID :**6306803586281**
Option 4 ID :**6306803586280**
Status :**Answered**
Chosen Option :**D**

Q.83 The population of a village was 250000. It increased by 10% in the first year andincreasedby 20%in thesecond year.Its populationafter twoyears is_____.

Ans ✗A. 325000

✗B. 275000

✓C. 330000

✗D. 300000

Question ID :**630680667318**
Option 1 ID :**6306802612835**
Option 2 ID :**6306802612833**
Option 3 ID :**6306802612832**
Option 4 ID :**6306802612834**
Status :**Answered**
Chosen Option :**C**

Q.84 Findthevalueof'?'inthegivenequation.5.5 × 7.8 × 12.5 – 242.27 = ?

Ans ✗A. 294.98

✓B. 293.98

✗C. 298.93

✗D. 283.98

Question ID :**630680107267**
Option 1 ID :**630680416455**
Option 2 ID :**630680416454**
Option 3 ID :**630680416453**
Option 4 ID :**630680416452**
Status :**Answered**
Chosen Option :**B**

Q.85 What is the value of $(x^2 + y^2 + z^2)$ if x, y, and z satisfy the following linear equations?

$6x - y + 4z = 3$

$x + 4y + 2z = -2$

$5x + 4z = 0$

Ans ✔A. 42

✗B. - 8

✗C. 0

✗D. - 42

Question ID :**6306801001559**
Option 1 ID :**6306803930341**
Option 2 ID :**6306803930342**
Option 3 ID :**6306803930343**
Option 4 ID :**6306803930344**
Status :**Answered**
Chosen Option :**A**

Q.86राकेशनेएककारसेएकि◌ितदूरीकीयाा◌ापूरीकी।यिदउसने15%दूरी45km/hकीचालसे,35%दूरी105km/h कीचालसेऔरशेषदूरी150km/hकीचालसेतयकी,तोपूरीयाा◌ाकेि◌लएऔसत चाल (km/h म)]◌ातकीि◌जए।

Ans ✗A. 90

✗B. 80

✔C. 100

✗D. 70

Question ID :**630680493037**
Option 1 ID :**6306801925921**
Option 2 ID :**6306801925920**
Option 3 ID :**6306801925922**
Option 4 ID :**6306801925919**
Status :**Answered**
Chosen Option :**C**

Q.87The number of prime numbers lying between 457 and 469 is:

Ans ✔A. 4

✗B. 6

✗C. 5

✗D. 1

Question ID :**630680740961**
Option 1 ID :**6306802904432**
Option 2 ID :**6306802904435**
Option 3 ID :**6306802904433**
Option 4 ID :**6306802904434**
Status :**Answered**
Chosen Option :**D**

Q.88 If $x - \frac{1}{x} = 7$, then the value of $x^3 - \frac{1}{x^3}$ is:

Ans ✗ A. 389

✔B. 364

✗C. 322

✗D. 343

Question ID :**630680422125**
Option 1 ID :**6306801646938**
Option 2 ID :**6306801646936**
Option 3 ID :**6306801646935**
Option 4 ID :**6306801646937**
Status :**Answered**
Chosen Option :**A**

Q.89 Arun and Aman work in a packaging company and have been assigned a work. Aruncanfinishtheworkin8days,whileAmancanfinishtheworkin11days.Themanagerasks them to work together, so that it can be completed faster. How many days theywill take to complete the work together?

Ans
✗A. 3 days
✗B. 5.8 days
✗C. 3.5 days
✓D. 4.6 days

Question ID :**63068070753**
Option 1 ID :**630680273634**
Option 2 ID :**630680273637**
Option 3 ID :**630680273635**
Option 4 ID :**630680273636**
Status :**Answered**
Chosen Option :**D**

Q.90 एक 5पयेम3 िपन बेचनेपर, एक Dीि4को 20% की हाि न होती है । 20% का लाभ अिजत करने के िलए उसेएक5पयेमिकतनी िपनबेचनी चाहिए?

Ans
✗A. 4
✗B. 3
✓C. 2
✗D. 1

Question ID :**630680907154**
Option 1 ID :**6306803553717**
Option 2 ID :**6306803553716**
Option 3 ID :**6306803553714**
Option 4 ID :**6306803553715**
Status :**Answered**
Chosen Option :**C**

Section:**GeneralAwareness**

Q.91 Who among the following became the first female Indian cabinet minister? Ans
✗A.ArunaAsafAli
✗B. Sucheta Kriplani
✗C. Sarojini Naidu
✓D.VijayaLakshmiPandit

Question ID :**630680958378**
Option 1 ID :**6306803757519**
Option 2 ID :**6306803757518**
Option 3 ID :**6306803757520**
Option 4 ID :**6306803757521**
Status :**Answered**
Chosen Option :**A**

Q.92 Complete the following statement from the Preamble of the Indian Constitution.

INOURCONSTITUENTASSEMBLYthis_____day of November, 1949, do HEREBYADOPT,ENACTANDGIVE TOOURSELVESTHISCONSTITUTION.

Ans
✓A. twenty sixth
✗B. fifteenth
✗C. twenty eighth
✗D. thirtieth

Question ID :**630680945000**
Option 1 ID :**6306803704768**
Option 2 ID :**6306803704769**
Option 3 ID :**6306803704767**
Option 4 ID :**6306803704766**
Status :**Answered**
Chosen Option :**A**

Q.93 Chandrayaan-3 was launched by which of the following organisations? Ans
✗A. SpaceAgency
✓B. ISRO
✗C. NASA
✗D. Roscosmos

Question ID :**630680965514**
Option 1 ID :**6306803786557**
Option 2 ID :**6306803786559**
Option 3 ID :**6306803786556**
Option 4 ID :**6306803786558**
Status :**Answered**
Chosen Option :**B**

Q.94As per the composition of the State legislative Council 1/12 are elected by thegraduates of_____years standing and residing within the state.

Ans
✗A. 2
✗B. 4
✓C. 3
✗D. 5

Question ID :**630680945829**
Option 1 ID :**6306803708070**
Option 2 ID :**6306803708072**
Option 3 ID :**6306803708071**
Option 4 ID :**6306803708073**
Status :**Answered**
Chosen Option :**D**

Q.95HowmanyaminonucleotidebasesofDNAdoeseachgene'scodeuse?Ans

✓A. Four
✗B. Five
✗C.Three
✗D.Two

Question ID :**630680996631**
Option 1 ID :**6306803910258**
Option 2 ID :**6306803910259**
Option 3 ID :**6306803910257**
Option 4 ID :**6306803910256**
Status :**Answered**
Chosen Option :**A**

Q.96Which river originates from the northern slopes of the Himalayas in the TibetanPlateau?

Ans
✗A. Jhelum
✗B. Krishna
✓C. Ghaghara
✗D.Tapi

Question ID :**630680996655**
Option 1 ID :**6306803910355**
Option 2 ID :**6306803910353**
Option 3 ID :**6306803910352**
Option 4 ID :**6306803910354**
Status :**Answered**
Chosen Option :**A**

Q.97TheMerit-CumMeansScholarshipforProfessionalandTechnicalCoursesCS(Minorities) is an initiative by which of the following ministries?

Ans
✗A.Ministry ofSocial Welfare
✗B.Ministry ofWomen andChild Development
✓C.MinistryofMinorityAffairs
✗D. Ministry of Social Justice and Empowerment

Question ID :**630680965726**
Option 1 ID :**6306803787405**
Option 2 ID :**6306803787403**
Option 3 ID :**6306803787404**
Option 4 ID :**6306803787406**
Status :**Answered**
Chosen Option :**A**

Q.98In the year 2024, the 22nd National Para Athletics Championships of India was hostedby which of the following states?

Ans
✗A. Madhya Pradesh
✗B. Maharashtra
✗C. Karnataka
✓D. Goa

Question ID :**630680965458**
Option 1 ID :**6306803786333**
Option 2 ID :**6306803786335**
Option 3 ID :**6306803786332**
Option 4 ID :**6306803786334**
Status :**Answered**
Chosen Option :**B**

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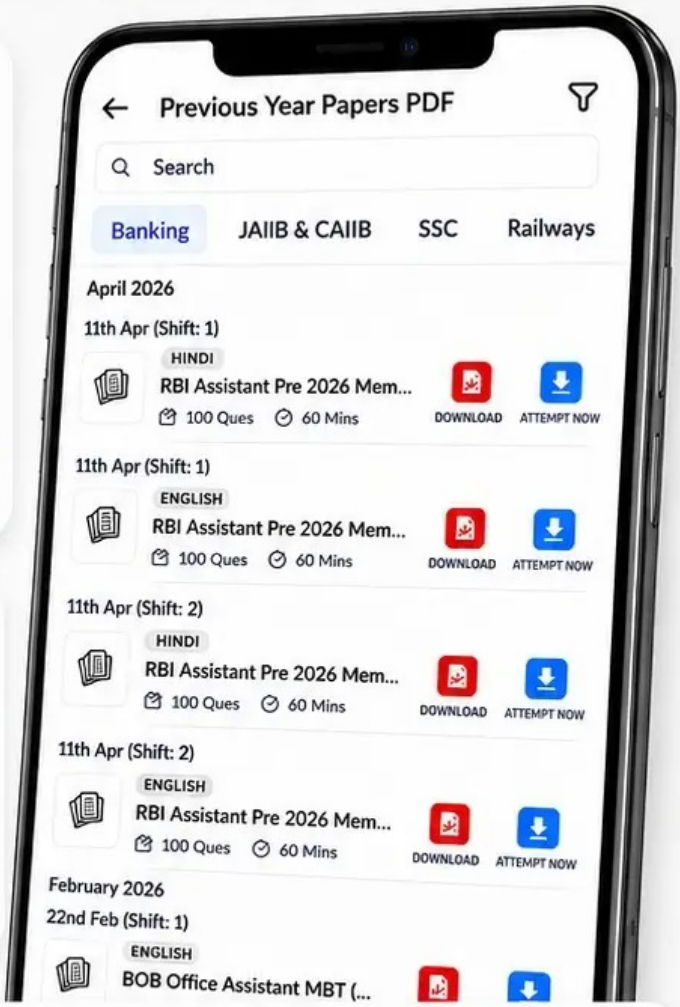

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Manoj , PWD


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Shatarupa, OPSC


Arpita, JENPAS


Shital, SSC JE (Mech)


Nancy, UGC NET


Atul, SSC JE (ELCT)


Rahul, SSC JE (CIVIL)


Anand, SSC JE (ELCT)


Mohan, SSC JE (ELCT)


Saurabh, UGC NET


Ved, SSC JE (Mech)

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Q.99 According to the Census of India 2011, which of the following states has the lowest literacy rate?

Ans
✗ A. Himachal Pradesh
✓ B. Bihar
✗ C. Rajasthan
✗ D. Tripura

Question ID : **630680172224**
Option 1 ID : **630680667335**
Option 2 ID : **630680667332**
Option 3 ID : **630680667333**
Option 4 ID : **630680667334**
Status : **Answered**
Chosen Option : **B**

Q.100 The development of Sanskrit grammar began with Panini in 400 BC with his book _____.

Ans
✗ A. Kumara sambhavam
✗ B. Amruta pani
✓ C. Ashtadhyayi
✗ D. Purusha Suktam

Question ID : **630680944649**
Option 1 ID : **6306803703393**
Option 2 ID : **6306803703394**
Option 3 ID : **6306803703391**
Option 4 ID : **6306803703392**
Status : **Answered**
Chosen Option : **C**