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**Previous Year Paper
(Electrical)
27 Oct, 2023 Shift 2**





ODISHA HYDRO POWER CORPORATION LIMITED
A GOLD RATED STATE PSU OF GOVT. OF ODISHA

Participant ID	
Participant Name	
Test Center Name	
Test Date	27/10/2023
Test Time	12:30 PM - 2:30 PM
Subject	Diploma Engineer Trainee Electrical

Section : Respective Discipline syllabus

Q.1 The differentiator amplifier circuit, it produces a voltage output which is directly proportional to the input voltage's rate-of-change with respect to _____.

- Ans
- ☒ 1. Resistor
 - ☒ 2. Time
 - ☒ 3. Voltage
 - ☒ 4. Current

Question ID : 630680430204
Option 1 ID : 6306801678850
Option 2 ID : 6306801678851
Option 3 ID : 6306801678852
Option 4 ID : 6306801678849
Status : Not Answered
Chosen Option : --

Q.2 _____ circuits consist of a resistance, a capacitance and an inductance connected in series across an alternating supply.

- Ans
- ☒ 1. Series RLC
 - ☒ 2. Parallel RLC
 - ☒ 3. Parallel Resonance
 - ☒ 4. Series Resonance

Question ID : 630680430239
Option 1 ID : 6306801678990
Option 2 ID : 6306801678989
Option 3 ID : 6306801678992
Option 4 ID : 6306801678991
Status : Answered
Chosen Option : 1

Q.3 The phase angle of a series RL circuit is between _____.

- Ans
- ☒ 1. 0 - 90 degree
 - ☐ 2. 120 - 180 Degree
 - ☐ 3. 90 -120 Degree
 - ☐ 4. 180 - 230 degree

Question ID : 630680430242
Option 1 ID : 6306801679001
Option 2 ID : 6306801679003
Option 3 ID : 6306801679002
Option 4 ID : 6306801679004

Status : Answered
Chosen Option : 1

Q.4 According to the Superposition Theorem each individual voltage and current values are all “superimposed” on top of each other to find the actual voltage drops and currents with all sources active. What does Superimposed means over here?

- Ans
- ☐ 1. Multiplied
 - ☐ 2. Differentiated
 - ☐ 3. Factorized
 - ☒ 4. Added

Question ID : 630680430235
Option 1 ID : 6306801678974
Option 2 ID : 6306801678976
Option 3 ID : 6306801678975
Option 4 ID : 6306801678973

Status : Answered
Chosen Option : 4

Q.5 _____ diagrams present a graphical representation, plotted on a coordinate system, of the phase relationship between the voltages and currents within passive components or a whole circuit.

- Ans
- ☐ 1. Equational
 - ☐ 2. Numerical
 - ☒ 3. Phasor
 - ☐ 4. Symbolical

Question ID : 630680430195
Option 1 ID : 6306801678813
Option 2 ID : 6306801678815
Option 3 ID : 6306801678814
Option 4 ID : 6306801678816

Status : Answered
Chosen Option : 3

Q.6 The output in the case of AND Gate is true when input1 and input2 are _____. Otherwise, the output is false.

- Ans
- ☒ 1. False
 - ☒ 2. True
 - ☒ 3. Neutral
 - ☒ 4. Zero

Question ID : 630680430221
Option 1 ID : 6306801678918
Option 2 ID : 6306801678917
Option 3 ID : 6306801678919
Option 4 ID : 6306801678920
Status : Answered
Chosen Option : 1

Q.7 An _____ is a signal that temporarily suspends the normal execution of a program and redirects the control to a specific interrupt service routine (ISR).

- Ans
- ☒ 1. Input
 - ☒ 2. Current
 - ☒ 3. Instant
 - ☒ 4. Interrupt

Question ID : 630680430247
Option 1 ID : 6306801679023
Option 2 ID : 6306801679024
Option 3 ID : 6306801679021
Option 4 ID : 6306801679022
Status : Not Answered
Chosen Option : --

Q.8 The power used by an electrical device is calculated by multiplying _____ and _____.

- Ans
- ☒ 1. Voltage, current
 - ☒ 2. Time, Power
 - ☒ 3. Time, current
 - ☒ 4. Voltage, Time

Question ID : 630680430182
Option 1 ID : 6306801678763
Option 2 ID : 6306801678762
Option 3 ID : 6306801678764
Option 4 ID : 6306801678761
Status : Answered
Chosen Option : 1

Q.9 According to the Maximum Power Transfer Theorem, Maximum power is transferred when the value of that load resistance is _____ to the equivalent resistance of the supplying network.

- Ans**
- ☒ 1. One Third
 - ☒ 2. One forth
 - ☒ 3. Equal
 - ☒ 4. Half

Question ID : 630680430238
Option 1 ID : 6306801678987
Option 2 ID : 6306801678986
Option 3 ID : 6306801678988
Option 4 ID : 6306801678985

Status : Answered

Chosen Option : 3

Q.10 The difference between actual output and desired output as time 't' tends to infinity is called _____ of Transient response of second order system.

- Ans**
- ☒ 1. Peak Time
 - ☒ 2. Delay Time
 - ☒ 3. Steady state error
 - ☒ 4. Rise Time

Question ID : 630680430212
Option 1 ID : 6306801678882
Option 2 ID : 6306801678881
Option 3 ID : 6306801678883
Option 4 ID : 6306801678884

Status : Not Answered

Chosen Option : --

Q.11 In the buck converters, the fixed dc input signal is changed into _____ at the output which is of lower value.

- Ans**
- ☒ 1. Neutral
 - ☒ 2. AC
 - ☒ 3. Sine wave
 - ☒ 4. DC

Question ID : 630680430255
Option 1 ID : 6306801679054
Option 2 ID : 6306801679053
Option 3 ID : 6306801679056
Option 4 ID : 6306801679055

Status : Answered

Chosen Option : 3

Q.12 Current transformers _____ high voltage currents to a much lower value and provide a convenient way of safely monitoring the actual electrical current flowing in an AC transmission line using a standard ammeter.

- Ans**
- ☒ 1. Multiply
 - ☒ 2. Reduce
 - ☒ 3. Add
 - ☒ 4. Increase

Question ID : **630680430208**
Option 1 ID : **6306801678868**
Option 2 ID : **6306801678866**
Option 3 ID : **6306801678867**
Option 4 ID : **6306801678865**

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

Q.13 The energy transfers in an induction motor from stator to rotor is a quite similar operation as energy transfers in the _____ from primary to secondary.

- Ans**
- ☒ 1. Induction Motor
 - ☒ 2. Capacitor
 - ☒ 3. Transformer
 - ☒ 4. Transistor

Question ID : **630680430194**
Option 1 ID : **6306801678812**
Option 2 ID : **6306801678810**
Option 3 ID : **6306801678809**
Option 4 ID : **6306801678811**

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

Q.14 According to the orientation or connection of semiconductor devices to form inverter circuits, which of the inverters is not a part of it?

- Ans**
- ☒ 1. Bus Inverters
 - ☒ 2. Parallel Inverters
 - ☒ 3. Bridge Inverters
 - ☒ 4. Series Inverters

Question ID : **630680430253**
Option 1 ID : **6306801679046**
Option 2 ID : **6306801679048**
Option 3 ID : **6306801679045**
Option 4 ID : **6306801679047**

Status : **Answered**
Chosen Option : **1**

Q.15 A _____ is a combinational circuit that uses single input that can be directed throughout several outputs.

- Ans
- ☐ 1. Capacitor
 - ☐ 2. Multiplexer (Mux)
 - ☒ 3. Demultiplexer (Demux)
 - ☐ 4. Transformer

Question ID : 630680430223
Option 1 ID : 6306801678928
Option 2 ID : 6306801678925
Option 3 ID : 6306801678926
Option 4 ID : 6306801678927
Status : Answered
Chosen Option : 2

Q.16 The frequencies for which the values of denominator and nominator become _____ in a transfer function are called Poles and Zeros.

- Ans
- ☐ 1. Equal
 - ☐ 2. One
 - ☒ 3. Zero
 - ☐ 4. Infinite

Question ID : 630680430215
Option 1 ID : 6306801678895
Option 2 ID : 6306801678894
Option 3 ID : 6306801678893
Option 4 ID : 6306801678896
Status : Answered
Chosen Option : 4

Q.17 Which one is not the main equipment required for the substation installations?

- Ans
- ☐ 1. Switch Gear
 - ☒ 2. Brushbar
 - ☐ 3. Lightning Arrester
 - ☐ 4. Circuit Breaker

Question ID : 630680430234
Option 1 ID : 6306801678969
Option 2 ID : 6306801678971
Option 3 ID : 6306801678970
Option 4 ID : 6306801678972
Status : Answered
Chosen Option : 3

Q.18 Which one is not the advantage of Single Phase Semiconverter?

- Ans
- ☒ 1. Reduced Reactive Input
 - ☒ 2. Reduced Cost
 - ☒ 3. Average output DC voltage is lesser for same firing angle
 - ☒ 4. Improved Power Factor

Question ID : 630680430252
Option 1 ID : 6306801679042
Option 2 ID : 6306801679044
Option 3 ID : 6306801679043
Option 4 ID : 6306801679041
Status : Answered
Chosen Option : 1

Q.19 The _____ maps the frequency response of the system by expressing the phase shift in degrees.

- Ans
- ☒ 1. Henery Plot
 - ☒ 2. Mile Phase Plot
 - ☒ 3. Bell Phase Plot
 - ☒ 4. Bode phase plot

Question ID : 630680430218
Option 1 ID : 6306801678906
Option 2 ID : 6306801678907
Option 3 ID : 6306801678905
Option 4 ID : 6306801678908
Status : Not Answered
Chosen Option : --

Q.20 _____ occurs in a series circuit when the supply frequency causes the voltages across L and C to be equal and opposite in phase.

- Ans
- ☒ 1. Relation
 - ☒ 2. Resonance
 - ☒ 3. Range
 - ☒ 4. Response

Question ID : 630680430240
Option 1 ID : 6306801678994
Option 2 ID : 6306801678995
Option 3 ID : 6306801678996
Option 4 ID : 6306801678993
Status : Answered
Chosen Option : 2

Q.21 The _____ of a conductor is given by the ratio of total magnetic flux linkages to the current flowing through it.

- Ans
- ☐ 1. Capacitance
 - ☐ 2. Resistance
 - ☒ 3. Inductance
 - ☐ 4. Transmission

Question ID : 630680430226
Option 1 ID : 6306801678938
Option 2 ID : 6306801678940
Option 3 ID : 6306801678937
Option 4 ID : 6306801678939
Status : Answered
Chosen Option : 3

Q.22 A medium transmission line is defined as a transmission line with an effective length more than 80 km (50 miles) but less than _____.

- Ans
- ☐ 1. 100 km
 - ☐ 2. 300km
 - ☒ 3. 250km
 - ☐ 4. 150km

Question ID : 630680430229
Option 1 ID : 6306801678949
Option 2 ID : 6306801678952
Option 3 ID : 6306801678951
Option 4 ID : 6306801678950
Status : Answered
Chosen Option : 3

Q.23 The direction of the induced emf is opposite to the applied voltage, in the DC motor. This EMF is known as the counter EMF or _____.

- Ans
- ☐ 1. Down EMF
 - ☐ 2. Forward EMF
 - ☐ 3. Up EMF
 - ☒ 4. Back EMF

Question ID : 630680430188
Option 1 ID : 6306801678787
Option 2 ID : 6306801678785
Option 3 ID : 6306801678786
Option 4 ID : 6306801678788
Status : Answered
Chosen Option : 4

Q.24 The efficiency of a transformer can be defined as the output power _____ by the input power.

- Ans
- ☐ 1. Subtracted
 - ☐ 2. Multiplied
 - ☐ 3. Added
 - ☒ 4. Divided

Question ID : 630680430191
Option 1 ID : 6306801678798
Option 2 ID : 6306801678799
Option 3 ID : 6306801678797
Option 4 ID : 6306801678800
Status : Answered
Chosen Option : 4

Q.25 According to Fleming's right hand rule, the direction of induced _____ changes whenever the direction of motion of the conductor changes.

- Ans
- ☐ 1. Resistance
 - ☒ 2. Current
 - ☐ 3. Power
 - ☐ 4. Voltage

Question ID : 630680430187
Option 1 ID : 6306801678784
Option 2 ID : 6306801678782
Option 3 ID : 6306801678783
Option 4 ID : 6306801678781
Status : Answered
Chosen Option : 2

Q.26 A _____, also known as Silicon Controlled Rectifier (SCR) is a three-terminal power electronic device used in various electronic applications like rectifiers, SMPS, etc. as a switching device. It has three terminals – Anode, Cathode, and Gate.

- Ans
- ☒ 1. Thyristor
 - ☐ 2. Inductor
 - ☐ 3. Transistor
 - ☐ 4. Transformer

Question ID : 630680430249
Option 1 ID : 6306801679032
Option 2 ID : 6306801679029
Option 3 ID : 6306801679031
Option 4 ID : 6306801679030
Status : Answered
Chosen Option : 1

Q.27 Nyquist criterion or Nyquist stability criterion is a graphical method which is utilized for finding the _____ of a closed-loop control system i.e., the one with a feedback loop.

- Ans**
- ☒ 1. Responsiveness
 - ☒ 2. Cost
 - ☒ 3. Reliability
 - ☒ 4. Stability

Question ID : 630680430219
Option 1 ID : 6306801678909
Option 2 ID : 6306801678912
Option 3 ID : 6306801678911
Option 4 ID : 6306801678910
Status : Not Answered
Chosen Option : --

Q.28 A short transmission line is defined as a transmission line with an effective length less than _____, or with a voltage less than 69 kV.

- Ans**
- ☒ 1. 200km
 - ☒ 2. 150km
 - ☒ 3. 100km
 - ☒ 4. 80 km

Question ID : 630680430228
Option 1 ID : 6306801678948
Option 2 ID : 6306801678947
Option 3 ID : 6306801678946
Option 4 ID : 6306801678945
Status : Answered
Chosen Option : 4

Q.29 The _____ resistance is caused by leakage across the pn-junction due to crystal defects and impurities within the junction region.

- Ans**
- ☒ 1. Input
 - ☒ 2. Series
 - ☒ 3. Output
 - ☒ 4. Shunt

Question ID : 630680430205
Option 1 ID : 6306801678855
Option 2 ID : 6306801678854
Option 3 ID : 6306801678856
Option 4 ID : 6306801678853
Status : Answered
Chosen Option : 2

Q.30 The ultimate resistance value may deviate from the specification because of many reasons. Which one is not one of them?

- Ans**
- ☒ 1. Maximum Voltage
 - ☒ 2. Colour
 - ☒ 3. Electric Noise
 - ☒ 4. Temperature

Question ID : 630680430183
Option 1 ID : 6306801678766
Option 2 ID : 6306801678768
Option 3 ID : 6306801678767
Option 4 ID : 6306801678765
Status : Answered
Chosen Option : 2

Q.31 Conditions which are required to be satisfied to operate the circuit as an oscillator are called as _____ for sustained oscillations.

- Ans**
- ☒ 1. Biased
 - ☒ 2. Inductional
 - ☒ 3. Capacitative
 - ☒ 4. Barkhausen criterion

Question ID : 630680430201
Option 1 ID : 6306801678837
Option 2 ID : 6306801678838
Option 3 ID : 6306801678840
Option 4 ID : 6306801678839
Status : Not Answered
Chosen Option : --

Q.32 The capacitance of the line is proportional to the _____ of the transmission line.

- Ans**
- ☒ 1. Radius
 - ☒ 2. Thickness
 - ☒ 3. Length
 - ☒ 4. Height

Question ID : 630680430227
Option 1 ID : 6306801678941
Option 2 ID : 6306801678942
Option 3 ID : 6306801678944
Option 4 ID : 6306801678943
Status : Answered
Chosen Option : 1

Q.33 Which one is not the advantage of using Karnaugh maps in comparison of Boolean algebra?

- Ans
- ☐ 1. Reduce no. of Logic
 - ☐ 2. Quick to use
 - ☐ 3. Simplified the logic
 - ☒ 4. Costly

Question ID : 630680430222
Option 1 ID : 6306801678923
Option 2 ID : 6306801678921
Option 3 ID : 6306801678922
Option 4 ID : 6306801678924

Status : Answered

Chosen Option : 4

Q.34 The single phase fully controlled rectifier allows conversion of single phase _____.

- Ans
- ☐ 1. DC into AC
 - ☒ 2. AC into DC
 - ☐ 3. AC into AC
 - ☐ 4. DC into DC

Question ID : 630680430251
Option 1 ID : 6306801679038
Option 2 ID : 6306801679037
Option 3 ID : 6306801679039
Option 4 ID : 6306801679040

Status : Answered

Chosen Option : 2

Q.35 The relative polarity of two or more mutually coupled coils is denoted by _____ convention.

- Ans
- ☐ 1. Dash
 - ☐ 2. Double
 - ☒ 3. Dot
 - ☐ 4. Dim

Question ID : 630680430241
Option 1 ID : 6306801678998
Option 2 ID : 6306801678999
Option 3 ID : 6306801678997
Option 4 ID : 6306801679000

Status : Answered

Chosen Option : 3



Q.36 According to the EMF equation of single phase Transformer, the value of induced emf depends upon flux, number of turns and _____.

- Ans
- ☒ 1. Voltage
 - ☒ 2. Frequency
 - ☒ 3. Power
 - ☒ 4. Current

Question ID : 630680430190
Option 1 ID : 6306801678794
Option 2 ID : 6306801678795
Option 3 ID : 6306801678796
Option 4 ID : 6306801678793
Status : Answered
Chosen Option : 2

Q.37 Load flow study determines the operating state of the system for a given _____.

- Ans
- ☒ 1. Signal
 - ☒ 2. Time
 - ☒ 3. Temperature
 - ☒ 4. Loading

Question ID : 630680430231
Option 1 ID : 6306801678958
Option 2 ID : 6306801678960
Option 3 ID : 6306801678957
Option 4 ID : 6306801678959
Status : Answered
Chosen Option : 2

Q.38 The hexadecimal system (shortly hex), uses the number _____ as its base (radix).

- Ans
- ☒ 1. 8
 - ☒ 2. 16
 - ☒ 3. 10
 - ☒ 4. 2

Question ID : 630680430220
Option 1 ID : 6306801678914
Option 2 ID : 6306801678916
Option 3 ID : 6306801678915
Option 4 ID : 6306801678913
Status : Answered
Chosen Option : 2

Q.39 The eddy current loss occurs because of the relative motion between the conductor and the _____.

- Ans
- ☒ 1. Voltage
 - ☒ 2. Magnetic Field.
 - ☒ 3. Resistor
 - ☒ 4. Semiconductor

Question ID : 630680430186
Option 1 ID : 6306801678780
Option 2 ID : 6306801678777
Option 3 ID : 6306801678779
Option 4 ID : 6306801678778
Status : Answered
Chosen Option : 2

Q.40 In an RC-firing circuit the firing angle can be controlled from 0 to _____ electrical degrees.

- Ans
- ☒ 1. 90
 - ☒ 2. 30
 - ☒ 3. 45
 - ☒ 4. 180

Question ID : 630680430250
Option 1 ID : 6306801679035
Option 2 ID : 6306801679033
Option 3 ID : 6306801679034
Option 4 ID : 6306801679036
Status : Answered
Chosen Option : 1

Q.41 In the _____, the ideal diodes look like an open circuit and in this condition the voltage across the diode is negative.

- Ans
- ☒ 1. Reverse biased condition
 - ☒ 2. Unbiased Condition
 - ☒ 3. Forward biased condition
 - ☒ 4. Zero biased condition

Question ID : 630680430184
Option 1 ID : 6306801678770
Option 2 ID : 6306801678772
Option 3 ID : 6306801678769
Option 4 ID : 6306801678771
Status : Answered
Chosen Option : 1

Q.42 Transistor Biasing is the process of setting a transistor's DC operating voltage or current conditions to the correct level so that any AC input signal can be amplified correctly by the _____.

- Ans
- ☒ 1. Transistor
 - ☐ 2. Resistor
 - ☐ 3. Transformer
 - ☐ 4. Capacitor

Question ID : 630680430199
Option 1 ID : 6306801678832
Option 2 ID : 6306801678829
Option 3 ID : 6306801678830
Option 4 ID : 6306801678831
Status : Answered
Chosen Option : 4

Q.43 An ideal diode will have zero resistance in one direction, and _____ resistance in the reverse direction.

- Ans
- ☐ 1. Low
 - ☐ 2. Zero
 - ☐ 3. High
 - ☒ 4. Infinite

Question ID : 630680430197
Option 1 ID : 6306801678822
Option 2 ID : 6306801678821
Option 3 ID : 6306801678823
Option 4 ID : 6306801678824
Status : Answered
Chosen Option : 4

Q.44 The maximum electric field strength above which an insulating material begins to break down and conduct is called _____ strength.

- Ans
- ☐ 1. Capacitive
 - ☒ 2. Dielectric
 - ☐ 3. Magnetic
 - ☐ 4. Inductive

Question ID : 630680430185
Option 1 ID : 6306801678774
Option 2 ID : 6306801678775
Option 3 ID : 6306801678776
Option 4 ID : 6306801678773
Status : Answered
Chosen Option : 2

Q.45 A circuit that contains pure resistance R ohms connected in series with a pure capacitor of capacitance C farads is known as _____.

- Ans**
- ☒ 1. RC Resonance Circuit
 - ☒ 2. RC Parallel Circuit
 - ☒ 3. RL Series Circuit
 - ☒ 4. RC Series Circuit

Question ID : 630680430243

Option 1 ID : 6306801679006

Option 2 ID : 6306801679005

Option 3 ID : 6306801679008

Option 4 ID : 6306801679007

Status : Answered

Chosen Option : 4

Q.46 The JK Flip-flop is similar to the SR Flip-flop but there is no change in state when the J and K inputs are both _____.

- Ans**
- ☒ 1. Low
 - ☒ 2. Infinite
 - ☒ 3. High
 - ☒ 4. Same

Question ID : 630680430224

Option 1 ID : 6306801678931

Option 2 ID : 6306801678932

Option 3 ID : 6306801678929

Option 4 ID : 6306801678930

Status : Answered

Chosen Option : 4

Q.47 A _____ that determines the transfer function of a linear system by making use of the signal flow graph is known as Mason's Gain Formula.

- Ans**
- ☒ 1. Pictorial
 - ☒ 2. Graph
 - ☒ 3. Calculation
 - ☒ 4. Formula

Question ID : 630680430210

Option 1 ID : 6306801678876

Option 2 ID : 6306801678874

Option 3 ID : 6306801678873

Option 4 ID : 6306801678875

Status : Answered

Chosen Option : 2

Q.48 The response of the second order system to a step input in $u(t)$ does not depends on which condition.

- Ans
- ☒ 1. underdamped
 - ☒ 2. frozen
 - ☒ 3. overdamped
 - ☒ 4. critically damped

Question ID : 630680430213
Option 1 ID : 6306801678887
Option 2 ID : 6306801678888
Option 3 ID : 6306801678885
Option 4 ID : 6306801678886
Status : Answered
Chosen Option : 3

Q.49 A DC shunt motor is a type of self-excited DC motor where the field windings are shunted to or are connected in _____ to the armature winding of the motor.

- Ans
- ☒ 1. parallel
 - ☒ 2. Across
 - ☒ 3. Phase
 - ☒ 4. Line

Question ID : 630680430189
Option 1 ID : 6306801678789
Option 2 ID : 6306801678791
Option 3 ID : 6306801678792
Option 4 ID : 6306801678790
Status : Answered
Chosen Option : 2

Q.50 The root locus technique in control system was first introduced in the year 1948 by _____.

- Ans
- ☒ 1. John Locus
 - ☒ 2. Walter R. Evans
 - ☒ 3. Joseph Root
 - ☒ 4. Walter Root

Question ID : 630680430216
Option 1 ID : 6306801678897
Option 2 ID : 6306801678899
Option 3 ID : 6306801678900
Option 4 ID : 6306801678898
Status : Answered
Chosen Option : 4

Q.51 According to the Kirchhoff's Voltage Law (K.V.L.), the sum of the voltage in any closed loop must be _____ considering same sign convention.

- Ans**
- ☒ 1. Zero
 - ☐ 2. Infinite
 - ☐ 3. Positive
 - ☐ 4. Negative

Question ID : 630680430179
Option 1 ID : 6306801678752
Option 2 ID : 6306801678751
Option 3 ID : 6306801678749
Option 4 ID : 6306801678750
Status : Answered
Chosen Option : 1

Q.52 Economic dispatch control determines the power output of each power plant, and power output of each generating unit within a power plant, which will minimize the overall _____ needed to serve the system load.

- Ans**
- ☐ 1. Efficiency
 - ☐ 2. Power plant
 - ☒ 3. Cost of fuel
 - ☐ 4. Unit Cost

Question ID : 630680430233
Option 1 ID : 6306801678968
Option 2 ID : 6306801678966
Option 3 ID : 6306801678967
Option 4 ID : 6306801678965
Status : Answered
Chosen Option : 1

Q.53 The basic definition for transposition of transmission line is to rotate the conductors which result in the _____ or a phase being moved to next physical location in a regular sequence.

- Ans**
- ☐ 1. Inductor
 - ☐ 2. Line
 - ☒ 3. Conductor
 - ☐ 4. Resistance

Question ID : 630680430225
Option 1 ID : 6306801678934
Option 2 ID : 6306801678936
Option 3 ID : 6306801678933
Option 4 ID : 6306801678935
Status : Answered
Chosen Option : 3

Q.54 In a series circuit, the _____ is the same in each resistor whereas in a parallel circuit there is same _____ across resistors.

- Ans**
- ☒ 1. Current, Current
 - ☒ 2. Voltage, Voltage
 - ☒ 3. Voltage, Current
 - ☒ 4. Current, Voltage

Question ID : 630680430180
Option 1 ID : 6306801678755
Option 2 ID : 6306801678756
Option 3 ID : 6306801678754
Option 4 ID : 6306801678753

Status : Answered
Chosen Option : 4

Q.55 In common emitter transistor configuration, the input signal is applied between the base and emitter terminals of the transistor and output appears between the collector and _____ terminals.

- Ans**
- ☒ 1. Base
 - ☒ 2. Emitter
 - ☒ 3. Neutral
 - ☒ 4. Collector

Question ID : 630680430200
Option 1 ID : 6306801678834
Option 2 ID : 6306801678833
Option 3 ID : 6306801678836
Option 4 ID : 6306801678835

Status : Answered
Chosen Option : 2

Q.56 The THD of an inverter output waveform should be _____ to ensure proper operation of the load and to minimize electromagnetic interference.

- Ans**
- ☒ 1. Infinite
 - ☒ 2. Equal
 - ☒ 3. High
 - ☒ 4. Very Low

Question ID : 630680430254
Option 1 ID : 6306801679052
Option 2 ID : 6306801679050
Option 3 ID : 6306801679051
Option 4 ID : 6306801679049

Status : Answered
Chosen Option : 2

Q.57 IGBT is made of _____ layers of semiconductor to form a PNPN structure.

- Ans
- ☐ 1. Three
 - ☐ 2. Two
 - ☒ 3. Four
 - ☐ 4. One

Question ID : 630680430257
Option 1 ID : 6306801679063
Option 2 ID : 6306801679062
Option 3 ID : 6306801679064
Option 4 ID : 6306801679061
Status : Answered
Chosen Option : 3

Q.58 Bridge Rectifier is a type of Full Wave Rectifier that uses _____ diodes to form a close-loop bridge.

- Ans
- ☐ 1. 2
 - ☐ 2. 6
 - ☒ 3. 4
 - ☐ 4. 8

Question ID : 630680430198
Option 1 ID : 6306801678825
Option 2 ID : 6306801678827
Option 3 ID : 6306801678826
Option 4 ID : 6306801678828
Status : Answered
Chosen Option : 3

Q.59 According to the Faraday's law of electromagnetic induction a _____ will interact with an electric circuit to produce an electromotive force (EMF).

- Ans
- ☐ 1. Negative Field
 - ☐ 2. Positive Field
 - ☐ 3. Current
 - ☒ 4. Magnetic field

Question ID : 630680430181
Option 1 ID : 6306801678759
Option 2 ID : 6306801678757
Option 3 ID : 6306801678760
Option 4 ID : 6306801678758
Status : Answered
Chosen Option : 4

Q.60 In 8085 microprocessor there are _____ types of addressing modes.

- Ans
- ☒ 1. 5
 - ☐ 2. 10
 - ☐ 3. 4
 - ☐ 4. 2

Question ID : 630680430245
Option 1 ID : 6306801679015
Option 2 ID : 6306801679016
Option 3 ID : 6306801679014
Option 4 ID : 6306801679013
Status : Answered
Chosen Option : 3

Q.61 The Capacitor Start Capacitor Run Motor has a cage rotor, and its stator has two windings which are displaced _____ in space.

- Ans
- ☐ 1. 60 Degree
 - ☐ 2. 180 Degree
 - ☐ 3. 120 Degree
 - ☒ 4. 90 Degree

Question ID : 630680430196
Option 1 ID : 6306801678817
Option 2 ID : 6306801678820
Option 3 ID : 6306801678819
Option 4 ID : 6306801678818
Status : Answered
Chosen Option : 4

Q.62 According to the Routh-Hurwitz stability criterion, If any control system doesn't satisfy the necessary condition, then we can say that the control system is _____.

- Ans
- ☐ 1. Stable
 - ☐ 2. Ideal
 - ☒ 3. Unstable
 - ☐ 4. Rigged

Question ID : 630680430214
Option 1 ID : 6306801678889
Option 2 ID : 6306801678892
Option 3 ID : 6306801678890
Option 4 ID : 6306801678891
Status : Answered
Chosen Option : 4

Q.63 ABCD parameters are used in the _____ port network representation of a transmission line.

- Ans
- ☐ 1. Four
 - ☒ 2. Two
 - ☐ 3. Single
 - ☐ 4. Eight

Question ID : 630680430244
Option 1 ID : 6306801679011
Option 2 ID : 6306801679010
Option 3 ID : 6306801679009
Option 4 ID : 6306801679012
Status : Answered

Chosen Option : 2

Q.64 The _____ Amplifier is another type of operational amplifier circuit configuration that is used to combine the voltages present on two or more inputs into a single output voltage.

- Ans
- ☐ 1. Differential
 - ☒ 2. Summing
 - ☐ 3. Operational
 - ☐ 4. Integrator

Question ID : 630680430203
Option 1 ID : 6306801678846
Option 2 ID : 6306801678847
Option 3 ID : 6306801678845
Option 4 ID : 6306801678848
Status : Not Answered

Chosen Option : --

Q.65 The energy meter works on the principle of _____.

- Ans
- ☐ 1. Differential
 - ☐ 2. Combination
 - ☐ 3. Power
 - ☒ 4. Induction

Question ID : 630680430207
Option 1 ID : 6306801678862
Option 2 ID : 6306801678861
Option 3 ID : 6306801678864
Option 4 ID : 6306801678863
Status : Answered

Chosen Option : 4

Q.66 Which one is not the characteristics of Transient response of second order system?

- Ans
- ✓ 1. Idle Time
 - ✗ 2. Peak Time
 - ✗ 3. Delay Time
 - ✗ 4. Rise Time

Question ID : 630680430211
Option 1 ID : 6306801678880
Option 2 ID : 6306801678879
Option 3 ID : 6306801678877
Option 4 ID : 6306801678878
Status : Not Answered
Chosen Option : --

Q.67 The greater the Gain Margin (GM) in the control system, the greater the _____ of the system.

- Ans
- ✓ 1. Stability
 - ✗ 2. Response
 - ✗ 3. Profit
 - ✗ 4. Delay

Question ID : 630680430217
Option 1 ID : 6306801678901
Option 2 ID : 6306801678902
Option 3 ID : 6306801678903
Option 4 ID : 6306801678904
Status : Answered
Chosen Option : 1

Q.68 A Maxwell Inductance Capacitance Bridge (known as a Maxwell Bridge) is a modified version of a Wheatstone bridge which is used to measure the self _____ of a circuit.

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

Question ID : 630680430209
Option 1 ID : 6306801678872
Option 2 ID : 6306801678870
Option 3 ID : 6306801678869
Option 4 ID : 6306801678871
Status : Answered
Chosen Option : 3

Q.69 In a three-phase system, the order in which the _____ attain their maximum positive value is called Phase Sequence.

- Ans**
- ☒ 1. Power
 - ☒ 2. Voltages
 - ☒ 3. Resistance
 - ☒ 4. Current

Question ID : 630680430192
Option 1 ID : 6306801678803
Option 2 ID : 6306801678801
Option 3 ID : 6306801678804
Option 4 ID : 6306801678802
Status : Answered
Chosen Option : 4

Q.70 The DAC0800 is an _____, high speed, current output DAC with a typical settling time (conversion time) of 100 ns.

- Ans**
- ☒ 1. 6-bit
 - ☒ 2. 16-bit
 - ☒ 3. 8-bit
 - ☒ 4. 2-bit

Question ID : 630680430248
Option 1 ID : 6306801679026
Option 2 ID : 6306801679028
Option 3 ID : 6306801679027
Option 4 ID : 6306801679025
Status : Answered
Chosen Option : 3

Q.71 The torque slip curve for an induction motor is defined as the ratio of difference of synchronous speed and actual rotor speed to the synchronous _____ of the machine.

- Ans**
- ☒ 1. Voltage
 - ☒ 2. Speed
 - ☒ 3. Volume
 - ☒ 4. Temperature

Question ID : 630680430193
Option 1 ID : 6306801678805
Option 2 ID : 6306801678808
Option 3 ID : 6306801678807
Option 4 ID : 6306801678806
Status : Answered
Chosen Option : 2

Q.72 The wattmeter is electrical measuring equipment that helps to measure the electrical power in the unit of Watt or Kilo Watt or Mega Watt. It has _____ coils.

- Ans**
- ✓ 1. 2
 - ✗ 2. 1
 - ✗ 3. 4
 - ✗ 4. 3

Question ID : 630680430206
Option 1 ID : 6306801678858
Option 2 ID : 6306801678857
Option 3 ID : 6306801678860
Option 4 ID : 6306801678859
Status : Answered
Chosen Option : 1

Q.73 The _____ power that can be transferred is called the transfer capability.

- Ans**
- ✓ 1. Maximum
 - ✗ 2. Equal
 - ✗ 3. Ideal
 - ✗ 4. Minimum

Question ID : 630680430230
Option 1 ID : 6306801678954
Option 2 ID : 6306801678955
Option 3 ID : 6306801678956
Option 4 ID : 6306801678953
Status : Answered
Chosen Option : 1

Q.74 Thevenin's Theorem states that "Any linear circuit containing several voltages and resistances can be replaced by _____ voltage in series with a single resistance connected across the load".

- Ans**
- ✗ 1. Multiples
 - ✗ 2. Zero
 - ✗ 3. Double
 - ✓ 4. One Single

Question ID : 630680430237
Option 1 ID : 6306801678984
Option 2 ID : 6306801678983
Option 3 ID : 6306801678982
Option 4 ID : 6306801678981
Status : Answered
Chosen Option : 1

Q.75 Which one is not the advantage of Underground cable?

- Ans
- ☐ 1. Better general appearance
 - ☐ 2. Lesser probability of fault
 - ☒ 3. Less production and installation costs
 - ☐ 4. Smaller voltage drops

Question ID : 630680430232
Option 1 ID : 6306801678963
Option 2 ID : 6306801678962
Option 3 ID : 6306801678964
Option 4 ID : 6306801678961

Status : Answered
Chosen Option : 3

Q.76 Which one is not the application of Regenerative Braking?

- Ans
- ☐ 1. To hold a descending load of high potential energy at a constant speed.
 - ☒ 2. For stopping the motor
 - ☐ 3. To control the speed of motors driving loads
 - ☐ 4. In case of frequent braking and slowing of drives

Question ID : 630680430258
Option 1 ID : 6306801679066
Option 2 ID : 6306801679068
Option 3 ID : 6306801679065
Option 4 ID : 6306801679067

Status : Answered
Chosen Option : 4

Q.77 When two or more coils are magnetically linked together by a common magnetic flux they are said to have the property of _____.

- Ans
- ☐ 1. Mutual Capacitance
 - ☐ 2. Leaky Inductance
 - ☒ 3. Mutual Inductance
 - ☐ 4. Faulty Capacitance

Question ID : 630680430236
Option 1 ID : 6306801678977
Option 2 ID : 6306801678979
Option 3 ID : 6306801678978
Option 4 ID : 6306801678980

Status : Answered
Chosen Option : 3

Q.78 The variation of drain current with respect to the voltage applied at drain-source terminals keeping the gate-source voltage constant is termed as its characteristics of JFET. There are _____ type of characteristics.

- Ans
- ☒ 1. 3
 - ☒ 2. 2
 - ☒ 3. 4
 - ☒ 4. 5

Question ID : 630680430202
Option 1 ID : 6306801678842
Option 2 ID : 6306801678841
Option 3 ID : 6306801678843
Option 4 ID : 6306801678844
Status : Not Answered
Chosen Option : --

Q.79 Which one of these is not the advantages of the data transfer instructions in the 8085 microprocessor?

- Ans
- ☒ 1. Simplifies programming
 - ☒ 2. Limited data size
 - ☒ 3. Supports a wide range of operations
 - ☒ 4. Efficient data transfer

Question ID : 630680430246
Option 1 ID : 6306801679018
Option 2 ID : 6306801679020
Option 3 ID : 6306801679019
Option 4 ID : 6306801679017
Status : Answered
Chosen Option : 2

Q.80 In the Buck Boost converter, when the switch is on and conducting the Diode is in _____ state.

- Ans
- ☒ 1. OFF
 - ☒ 2. Neutral
 - ☒ 3. ideal
 - ☒ 4. ON

Question ID : 630680430256
Option 1 ID : 6306801679057
Option 2 ID : 6306801679059
Option 3 ID : 6306801679060
Option 4 ID : 6306801679058
Status : Not Answered
Chosen Option : --

Section : Reasoning

Q.1 In a certain code language, 'TEETH' is written as 'HTEET'. What is the code for 'MOUTH' in that code language?

- Ans
- ☒ 1. TIUPM
 - ☒ 2. HTUPM
 - ☒ 3. HTUOM
 - ☒ 4. HTVON

Question ID : 630680430261
Option 1 ID : 6306801679078
Option 2 ID : 6306801679077
Option 3 ID : 6306801679080
Option 4 ID : 6306801679079
Status : Answered
Chosen Option : 3

Q.2 In the following question, select the missing number from the given series.

160, 160, 167, 193, 256, ?

- Ans
- ☒ 1. 381
 - ☒ 2. 375
 - ☒ 3. 370
 - ☒ 4. 380

Question ID : 630680430267
Option 1 ID : 6306801679104
Option 2 ID : 6306801679103
Option 3 ID : 6306801679102
Option 4 ID : 6306801679101
Status : Answered
Chosen Option : 4

Q.3 Consider the five three letter words given below and the answer the questions based on it.

(Left) XYB K MV LEY LHF RPE (Right)

If 1st letter of all the words are replaced to its preceding letter as per English alphabetical order. Then in newly formed groups of elements what will be 2nd word from right end?

- Ans
- ☒ 1. KHF
 - ☒ 2. KEY
 - ☒ 3. JMV
 - ☒ 4. QPE

Question ID : 630680430260
Option 1 ID : 6306801679075
Option 2 ID : 6306801679073
Option 3 ID : 6306801679074
Option 4 ID : 6306801679076
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.4 If $P + Q$ means 'P' is the sister of 'Q', $P - Q$ means 'P' is the daughter of 'Q', $P \times Q$ means 'P' is the brother of 'Q', $P \div Q$ means 'P' is the husband of 'Q'. If $A + B \times C - D \div E + F$, then how A is related to E?

- Ans
- ☒ 1. Son
 - ☒ 2. Daughter
 - ☒ 3. Niece
 - ☒ 4. Sister

Question ID : 630680430262
Option 1 ID : 6306801679082
Option 2 ID : 6306801679083
Option 3 ID : 6306801679081
Option 4 ID : 6306801679084

Status : Answered
Chosen Option : 2

Q.5 Nine persons A, B, C, D, E, F, G, H and I are living in a nine storey building. Ground floor is numbered 1, first floor is numbered 2 and so until the top most floor which numbered 8. Only three people live between D and I. F lives immediately above H. Only three people live between E and B. C lives immediately above G. A lives at top most floor of the building. D lives on an even numbered floor but not on floor number 4. G lives at the ground floor. B lives above E. Then who among the following person lives on the 7th floor?

- Ans
- ☒ 1. H
 - ☒ 2. I
 - ☒ 3. D
 - ☒ 4. B

Question ID : 630680430259
Option 1 ID : 6306801679070
Option 2 ID : 6306801679072
Option 3 ID : 6306801679069
Option 4 ID : 6306801679071

Status : Answered
Chosen Option : 3

Q.6 In the following question, select the odd letter/letters from the given alternatives.

- Ans
- ☒ 1. IFBY
 - ☒ 2. PMKP
 - ☒ 3. SPLO
 - ☒ 4. LIEV

Question ID : 630680430264
Option 1 ID : 6306801679090
Option 2 ID : 6306801679089
Option 3 ID : 6306801679091
Option 4 ID : 6306801679092

Status : Answered
Chosen Option : 1

Q.7 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. Some paper are sheet.
- II. All paper are pen.

Conclusion:

- I. Some pen are not sheet.
- II. Some pen are paper.
- III. All sheet are pen.

- Ans**
- ☒ 1. Only conclusion III follows
 - ☒ 2. Only conclusion II follows
 - ☒ 3. Both conclusions II and III follows
 - ☒ 4. Both conclusions I and III follows

Question ID : 630680430263
Option 1 ID : 6306801679085
Option 2 ID : 6306801679086
Option 3 ID : 6306801679088
Option 4 ID : 6306801679087
Status : Answered
Chosen Option : 4

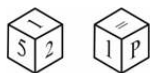
Q.8 In the following question, select the odd figure from the given alternatives.

Ans

- ☒ 1. 
- ☒ 2. 
- ☒ 3. 
- ☒ 4. 

Question ID : 630680430266
Option 1 ID : 6306801679099
Option 2 ID : 6306801679100
Option 3 ID : 6306801679097
Option 4 ID : 6306801679098
Status : Answered
Chosen Option : 4

Q.9 Two positions of a dice are given below. What will come on the face opposite to the face containing '5' on it?



Ans ☒ 1. P

☐ 2. =

☐ 3. 1

☐ 4. 2

Question ID : 630680430265

Option 1 ID : 6306801679095

Option 2 ID : 6306801679096

Option 3 ID : 6306801679094

Option 4 ID : 6306801679093

Status : Answered

Chosen Option : 1

Q.10 Select the option that is related to the first number cluster in the same way as the fourth number cluster is related to the third number cluster and sixth number cluster is related to fifth number cluster.

4 : ? :: 6 : 180 :: 2 : 4

Ans ☐ 1. 20

☐ 2. 52

☐ 3. 16

☒ 4. 48

Question ID : 630680430268

Option 1 ID : 6306801679106

Option 2 ID : 6306801679107

Option 3 ID : 6306801679105

Option 4 ID : 6306801679108

Status : Not Attempted and
Marked For Review

Chosen Option : --

Section : Quantitative Aptitude

Q.1 Anil, Rahul and Punit together can make a chair in 24 minutes. Anil and Rahul together can make it in 96 minutes. How much time will Punit alone take to make that chair?

Ans ☐ 1. 36 minutes

☐ 2. 34 minutes

☐ 3. 30 minutes

☒ 4. 32 minutes

Question ID : 630680430274

Option 1 ID : 6306801679132

Option 2 ID : 6306801679130

Option 3 ID : 6306801679129

Option 4 ID : 6306801679131

Status : Not Answered

Chosen Option : --

Q.2 The speed of a boat in still water is 35 km/hr. If the upstream speed of the boat is 30 km/hr, then what is the speed of the stream?

- Ans**
- ☒ 1. 2 km/hr
 - ☒ 2. 5 km/hr
 - ☒ 3. 8 km/hr
 - ☒ 4. 3 km/hr

Question ID : 630680430275
Option 1 ID : 6306801679134
Option 2 ID : 6306801679133
Option 3 ID : 6306801679136
Option 4 ID : 6306801679135
Status : Answered
Chosen Option : 2

Q.3 The average of marks obtained by P and Q is 28 less than the average of marks obtained by Q and R. If the marks obtained by R is 90, what is the marks obtained by P?

- Ans**
- ☒ 1. 34
 - ☒ 2. 38
 - ☒ 3. 37
 - ☒ 4. 32

Question ID : 630680430269
Option 1 ID : 6306801679112
Option 2 ID : 6306801679111
Option 3 ID : 6306801679110
Option 4 ID : 6306801679109
Status : Not Answered
Chosen Option : --

Q.4 The sum of the three consecutive even numbers is 36. What is the square smallest of the three numbers?

- Ans**
- ☒ 1. 196
 - ☒ 2. 200
 - ☒ 3. 100
 - ☒ 4. 144

Question ID : 630680430271
Option 1 ID : 6306801679119
Option 2 ID : 6306801679120
Option 3 ID : 6306801679117
Option 4 ID : 6306801679118
Status : Answered
Chosen Option : 3

Q.5 On an article the profit earned is 350 percent of the cost price. If the cost price increases by 50 percent but the selling price remains same, then what is the new profit percentage?

Ans ☒ 1. 200 percent

☐ 2. 150 percent

☐ 3. 100 percent

☐ 4. 50 percent

Question ID : 630680430273

Option 1 ID : 6306801679126

Option 2 ID : 6306801679127

Option 3 ID : 6306801679125

Option 4 ID : 6306801679128

Status : Answered

Chosen Option : 1

Q.6 Two cubes each of edge 15 cm are joined to form a single cuboid. What is the total surface area of the cuboid formed?

Ans ☐ 1. 2460 cm²

☐ 2. 2680 cm²

☐ 3. 2040 cm²

☒ 4. 2250 cm²

Question ID : 630680430278

Option 1 ID : 6306801679148

Option 2 ID : 6306801679145

Option 3 ID : 6306801679147

Option 4 ID : 6306801679146

Status : Not Answered

Chosen Option : --

Q.7 Two numbers S1 and S2 are such that the sum of 44 percent of S1 and 33 percent of S2 is $\frac{11}{7}$ of the sum of 25 percent of S1 and 25 percent of S2. What is the ratio of S1 and S2?

Ans ☐ 1. 3 : 4

☒ 2. 4 : 3

☐ 3. 5 : 3

☐ 4. 3 : 5

Question ID : 630680430272

Option 1 ID : 6306801679124

Option 2 ID : 6306801679121

Option 3 ID : 6306801679122

Option 4 ID : 6306801679123

Status : Answered

Chosen Option : 1

Q.8 What is the Highest Common Factor of $5^3 \times 3^4$ and $5^5 \times 3^2$?

Ans ☒ 1. $5^3 \times 3^2$

☐ 2. $5^5 \times 3^3$

☐ 3. $5^5 \times 3^4$

☐ 4. $5^5 \times 3^2$

Question ID : 630680430270

Option 1 ID : 6306801679114

Option 2 ID : 6306801679115

Option 3 ID : 6306801679116

Option 4 ID : 6306801679113

Status : Answered

Chosen Option : 4

Q.9 If the heights of two cylinders are in the ratio of 5 : 7 and their diameters are in the ratio of 3 : 5, then what is the ratio of the volumes of the cylinders?

Ans ☐ 1. 7 : 32

☐ 2. 12 : 37

☒ 3. 9 : 35

☐ 4. 5 : 29

Question ID : 630680430277

Option 1 ID : 6306801679144

Option 2 ID : 6306801679143

Option 3 ID : 6306801679142

Option 4 ID : 6306801679141

Status : Not Answered

Chosen Option : --

Q.10 Rakesh covers a distance in 8 hours and Monu covers the same distance in 4 hours. If speed of Monu is 10 km/hr more than Rakesh, then which of the following statement(s) is/are correct?

I. Speed of Monu is 30 km/hr.

II. Sum of their speed is 30 km/hr.

Ans ☐ 1. Only I

☒ 2. Only II

☐ 3. Both I and II

☐ 4. Neither I nor II

Question ID : 630680430276

Option 1 ID : 6306801679137

Option 2 ID : 6306801679138

Option 3 ID : 6306801679140

Option 4 ID : 6306801679139

Status : Answered

Chosen Option : 2

Section : General Awareness

Q.1 Which of the following pairs of 'book –writer' is correctly matched?

I. Stripurushtulna – Pandita Ramabai

II. Gulamgiri – Jyotirao Phule

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

Question ID : 630680430282
Option 1 ID : 6306801679161
Option 2 ID : 6306801679164
Option 3 ID : 6306801679162
Option 4 ID : 6306801679163
Status : Not Answered
Chosen Option : --

Q.2 Which of the following statements is correct regarding tropical evergreen forests?

I. They are at their best in areas having rainfall between 100 cm and 70 cm.

II. Some of the commercially important trees of this forest are ebony, mahogany, rosewood, rubber and cinchona.

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

Question ID : 630680430284
Option 1 ID : 6306801679170
Option 2 ID : 6306801679171
Option 3 ID : 6306801679169
Option 4 ID : 6306801679172
Status : Answered
Chosen Option : 2

Q.3 Goal 4 of the Sustainable Development Goals (SDGs) is associated with which of the following?

- Ans
- ☒ 1. No poverty
 - ☒ 2. Reduced inequality
 - ☒ 3. Zero hunger
 - ☒ 4. Quality education

Question ID : 630680430280
Option 1 ID : 6306801679153
Option 2 ID : 6306801679155
Option 3 ID : 6306801679154
Option 4 ID : 6306801679156
Status : Answered
Chosen Option : 2

Q.4 Intensified Mission Indradhanush (IMI 5.0) campaign is implemented by which Union Ministry in India?

Ans

- ✓ 1. Ministry of Health and Family Welfare
- ✗ 2. Ministry of Agriculture and Farmers Welfare
- ✗ 3. Ministry of Women and Child Development
- ✗ 4. Ministry of Skill Development and Entrepreneurship

Question ID : 630680430281
Option 1 ID : 6306801679159
Option 2 ID : 6306801679158
Option 3 ID : 6306801679157
Option 4 ID : 6306801679160

Status : Answered

Chosen Option : 1

Q.5 As per the Indian Constitution, the total number of Ministers, including the Prime Minister, in the Council of Ministers shall not exceed _____ percent of the total number of members of the House of the People.

Ans

- ✓ 1. fifteen
- ✗ 2. eighteen
- ✗ 3. twelve
- ✗ 4. ten

Question ID : 630680430286
Option 1 ID : 6306801679179
Option 2 ID : 6306801679180
Option 3 ID : 6306801679178
Option 4 ID : 6306801679177

Status : Not Answered

Chosen Option : --

Q.6 Which of the following organism belongs to the phylum Arthropoda?

Ans

- ✗ 1. Tapeworm
- ✓ 2. Butterfly
- ✗ 3. Octopus
- ✗ 4. Earthworm

Question ID : 630680430287
Option 1 ID : 6306801679182
Option 2 ID : 6306801679183
Option 3 ID : 6306801679184
Option 4 ID : 6306801679181

Status : Not Answered

Chosen Option : --

Q.7 Chaitrual festival is associated with which of the following states of India?

Ans ☒ 1. Himachal Pradesh

☐ 2. West Bengal

☐ 3. Odisha

☐ 4. Assam

Question ID : 630680430288

Option 1 ID : 6306801679186

Option 2 ID : 6306801679188

Option 3 ID : 6306801679187

Option 4 ID : 6306801679185

Status : Answered

Chosen Option : 4

Q.8 Who of the following was honoured with the Major Dhyan Chand Khel Ratna Award 2022?

Ans ☐ 1. Lakshya Sen

☐ 2. Avinash Mukund Sable

☒ 3. Sharath Kamal Achanta

☐ 4. Neeraj Chopra

Question ID : 630680430279

Option 1 ID : 6306801679151

Option 2 ID : 6306801679152

Option 3 ID : 6306801679149

Option 4 ID : 6306801679150

Status : Answered

Chosen Option : 4

Q.9 Which of the following Articles of the Indian Constitution is related to Abolition of Titles?

Ans ☐ 1. Article 12

☐ 2. Article 14

☐ 3. Article 16

☒ 4. Article 18

Question ID : 630680430285

Option 1 ID : 6306801679173

Option 2 ID : 6306801679174

Option 3 ID : 6306801679175

Option 4 ID : 6306801679176

Status : Not Answered

Chosen Option : --

Q.10 The point where the demand curve meets the vertical axis, the elasticity is _____.

- Ans
- ☒ 1. one
 - ☒ 2. zero
 - ☒ 3. less than one
 - ☒ 4. infinite

Question ID : 630680430283

Option 1 ID : 6306801679165

Option 2 ID : 6306801679167

Option 3 ID : 6306801679166

Option 4 ID : 6306801679168

Status : Answered

Chosen Option : 2

Section : English Language

Q.1 The question below consists of a set of labeled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

P. Their role in filtering and retaining nutrients in water, providing spawning and shelter for fish, and so boosting biodiversity is well-documented.

Q. Oyster reefs provide a habitat for other animals, improve water quality and enhance seagrass growth.

R. Ecological engineering involves designing sustainable ecosystems with both natural and human value.

S. Oysters engineer their environment by clustering on hard, submerged surfaces and fusing together to create reef structures.

- Ans
- ☒ 1. RSPQ
 - ☒ 2. PRSQ
 - ☒ 3. PQRS
 - ☒ 4. SPQR

Question ID : 630680430298

Option 1 ID : 6306801679227

Option 2 ID : 6306801679225

Option 3 ID : 6306801679228

Option 4 ID : 6306801679226

Status : Not Answered

Chosen Option : --

Q.2 Select the most appropriate option for the given blank.

A wasp stung her _____ she was watching television.

- Ans
- ☒ 1. till
 - ☒ 2. so
 - ☒ 3. while
 - ☒ 4. of

Question ID : 630680430296

Option 1 ID : 6306801679218

Option 2 ID : 6306801679219

Option 3 ID : 6306801679220

Option 4 ID : 6306801679217

Status : Answered

Chosen Option : 3

Q.3 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

To carry into effect

- Ans**
- ✓ 1. To put into practice
 - ✗ 2. To be near death
 - ✗ 3. To show something to be untrue
 - ✗ 4. To oppress the poor

Question ID : 630680430290

Option 1 ID : 6306801679193

Option 2 ID : 6306801679195

Option 3 ID : 6306801679196

Option 4 ID : 6306801679194

Status : Answered

Chosen Option : 1

Q.4 Choose the most appropriate synonym of the underlined word.

A rustic area that has a refreshing lack of billboards and shopping malls reminds me of my home town.

- Ans**
- ✗ 1. open
 - ✓ 2. pastoral
 - ✗ 3. urbane
 - ✗ 4. insecure

Question ID : 630680430292

Option 1 ID : 6306801679202

Option 2 ID : 6306801679203

Option 3 ID : 6306801679204

Option 4 ID : 6306801679201

Status : Answered

Chosen Option : 3

Q.5 Select the most appropriate option for the given blank.

_____ my friend Sunil _____ his brother attended the meeting.

- Ans**
- ✗ 1. Not only, yet
 - ✗ 2. That, yet
 - ✗ 3. Either, not
 - ✓ 4. Neither, nor

Question ID : 630680430295

Option 1 ID : 6306801679213

Option 2 ID : 6306801679216

Option 3 ID : 6306801679214

Option 4 ID : 6306801679215

Status : Answered

Chosen Option : 4

Q.6 Choose the most appropriate synonym of the underlined word.

Some people regard a fear of new things as an unmistakable sign of a provincial attitude.

- Ans
- ☒ 1. broad
 - ☒ 2. hinged
 - ☒ 3. cosmopolitan
 - ☒ 4. parochial

Question ID : 630680430291
Option 1 ID : 6306801679198
Option 2 ID : 6306801679199
Option 3 ID : 6306801679197
Option 4 ID : 6306801679200
Status : Answered
Chosen Option : 1

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

The cat jumped _____ the fence while chasing the mouse.

- Ans
- ☒ 1. over
 - ☒ 2. upon
 - ☒ 3. on
 - ☒ 4. at

Question ID : 630680430294
Option 1 ID : 6306801679211
Option 2 ID : 6306801679210
Option 3 ID : 6306801679209
Option 4 ID : 6306801679212
Status : Answered
Chosen Option : 1

Q.8 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

Back bite

- Ans
- ☒ 1. To stop oneself from saying anything hurtful
 - ☒ 2. To say mean or spiteful things about a person
 - ☒ 3. To thank someone
 - ☒ 4. To die unnaturally

Question ID : 630680430289
Option 1 ID : 6306801679192
Option 2 ID : 6306801679191
Option 3 ID : 6306801679189
Option 4 ID : 6306801679190
Status : Answered
Chosen Option : 2

Q.9 The question below consists of a set of labeled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

P. Turtle embryos are even less common than those of dinosaurs, perhaps partially because most turtle eggs are tiny and have thin shells, Zelenitsky says.

Q. Discovering fossil embryos from any creature is not common.

R. Only a few fossil turtle embryos have ever been discovered, none of which are preserved well enough for scientists to place them in the turtle family tree.

S. The delicate tissues and bones of developing animals readily break down over time.

Ans ✓ 1. QSPR

✗ 2. SRPQ

✗ 3. RPQS

✗ 4. PSRQ

Question ID : 630680430297

Option 1 ID : 6306801679222

Option 2 ID : 6306801679223

Option 3 ID : 6306801679224

Option 4 ID : 6306801679221

Status : Not Answered

Chosen Option : --

Q.10 Select the incorrectly spelt word from the given sentence.

I rose hastily, mounted my horse, and hurried to the rendezvous of the general staf.

Ans ✗ 1. hurried

✗ 2. rendezvous

✗ 3. hastily

✓ 4. staf

Question ID : 630680430293

Option 1 ID : 6306801679207

Option 2 ID : 6306801679206

Option 3 ID : 6306801679205

Option 4 ID : 6306801679208

Status : Answered

Chosen Option : 4