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(Electrical)
27 Oct, 2023 Shift 2**



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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. Capacitive
 - ☒ 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 PNP 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 KMV 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', $P + Q$ means 'P' is the husband of 'Q'. If $A + B \times C - D + E + F$, 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.

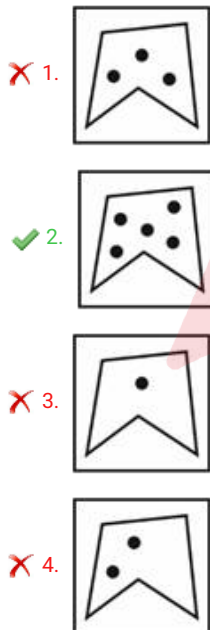
III. All sheet are pen.

- 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.

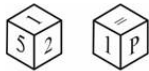
Ans



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



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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

