PSPCL
ASSA

Previous Year Paper
18 Nov, 2021 Shift 2

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Punjab State Power Corporation Limited

Participant ID	
Participant Name	
Test Center Name	
Test Date	18/11/2021
Test Time	12:30 PM - 2:30 PM
Subject	Assistant Sub Station Attendant(ASSA)

Section : **Respective Discipline**

Q.1 For a DC generator, electrical efficiency is 80% and overall efficiency is 72%. Find the mechanical efficiency

Ans

✗ 1. 72%

✓ 2. 90%

✗ 3. 60%

✗ 4. 56%

Question ID : **7773934047**
Status : **Answered**
Chosen Option : **2**

Q.2 For a circuit breaker, rated making current is 5100 A. Find the value of rated symmetrical breaking current.

Ans

✓ 1. 2000 A

✗ 2. 200 A

✗ 3. 20 A

✗ 4. 1200 A

Question ID : **7773934022**
Status : **Answered**
Chosen Option : **1**

Q.3 For moving iron instrument the scale is:

Ans

✗ 1. Cramped at the upper end and spread at the lower end

✗ 2. uniform

✗ 3. Cramped at both the ends and spread at the centre

✓ 4. Cramped at the lower end and spread at the upper end

Question ID : **7773934032**
Status : **Answered**
Chosen Option : **3**

Q.4 In a magnetic circuit, the coil has 500 turns and it carries a current of 3000 mA. Find the magneto-motive force.

Ans

✗ 1. 150 AT

✗ 2. 15000 AT

✗ 3. 15 AT

✓ 4. 1500 AT

Question ID : **7773934026**
Status : **Answered**
Chosen Option : **4**

Q.5 In a transformer the number of turns per volt (i.e N/V) is 10. The primary voltage is 150 V. Find the primary and secondary turns of wire if secondary voltage is to be 50 volts.

Ans

✗ 1. $N_1 = 500, N_2 = 1500$

✗ 2. $N_1 = 1000, N_2 = 500$

✓ 3. $N_1 = 1500, N_2 = 500$

✗ 4. $N_1 = 250, N_2 = 750$

Question ID : **7773934067**
Status : **Answered**
Chosen Option : **3**

Q.6 Which of the following device can be used as controlled switch?

Ans

✓ 1. SCR

✗ 2. UJT

✗ 3. Zener diode

✗ 4. PN junction diode

Question ID : **7773934038**
Status : **Answered**
Chosen Option : **1**

Q.7 For a transistor biased with fixed-bias method of biasing, if $\beta = 100$, find the stability factor.

Ans

✗ 1. 99

✗ 2. 110

✗ 3. 100

✓ 4. 101

Question ID : **7773934042**
Status : **Answered**
Chosen Option : **4**

Q.8 In underground cable, Armouring is provided to protect:

Ans
1. Protect the metallic sheath from corrosion
2. Protect the cable from moisture
3. Protect the cable from gases
4. Protect the cable from mechanical injury

Question ID : **7773934080**
Status : **Answered**
Chosen Option : **4**

Q.9 A single phase transformer has 400 primary and 1000 secondary turns. If the primary winding is connected to 230 V, 50 Hz, calculate secondary voltage.

Ans
1. 230 V
2. 575 V
3. 115 V
4. 440 V

Question ID : **7773934066**
Status : **Answered**
Chosen Option : **2**

Q.10 Intrinsic standoff ratio of UJT is given by the formula

Ans
1. $\eta = \frac{RB1}{RB2}$
2. $\eta = \frac{RB2}{RB1 + RB2}$
3. $\eta = \frac{RB2}{RB1}$
4. $\eta = \frac{RB1}{RB1 + RB2}$

Question ID : **7773934037**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Active life of Nickel – Cadmium cell is nearly _____.

Ans
1. 2 Years
2. 2 Months
3. 20 Years
4. 20 Days

Question ID : **7773934021**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Total lumens given out by source of one candela is _____ lumens.

Ans
✔ 1. 4π
✘ 2. 8π
✘ 3. 2π
✘ 4. 6π

Question ID : **7773934043**
Status : **Not Answered**
Chosen Option : **--**

Q.13 With reference to Earthing, state TRUE/FALSE for following statements:

1. Plate earthing is the cheapest method of earthing.
2. Rod earthing is employed in sandy areas.

Ans
✘ 1. False, False
✘ 2. True, False
✘ 3. True, True
✔ 4. False, True

Question ID : **7773934036**
Status : **Not Answered**
Chosen Option : **--**

Q.14 The moving coil of a galvanometer has 60 turns, a width of 2 cm and a depth of 3 cm. It hangs in a uniform radial field of 50 mwb/m^2. Determine the torque on the coil, if it is carrying a current of 1 mA.

Ans
✘ 1. 0.18×10^{-6} Nm
✘ 2. 0.018×10^{-6} Nm
✔ 3. 1.8×10^{-6} Nm
✘ 4. 18×10^{-6} Nm

Question ID : **7773934034**
Status : **Answered**
Chosen Option : **3**

Q.15 Which of the following method of biasing is called fixed biasing method?

Ans
✔ 1. Base resistor method
✘ 2. Biasing with collector feedback resistor
✘ 3. Voltage divider bias
✘ 4. Emitter bias method

Question ID : **7773934041**
Status : **Answered**
Chosen Option : **1**

Q.16 State TRUE/FALSE for the following statements:

1. An indoor sub-station is less expensive than outdoor sub-station.
2. Fault location is easier in an outdoor sub-station than in indoor sub-station.

Ans

✗ 1. False, False

✓ 2. False, True

✗ 3. True, True

✗ 4. True, False

Question ID : **7773934078**
Status : **Answered**
Chosen Option : **4**

Q.17 Which of the following power plant takes maximum standby losses?

Ans

✗ 1. Nuclear power plant

✗ 2. Hydroelectric power plant

✗ 3. Diesel power plant

✓ 4. Steam power plant

Question ID : **7773934070**
Status : **Answered**
Chosen Option : **3**

Q.18 A 15 mH coil is connected in series with another coil. The total inductance is 70 mH. When one of the coils is reversed, the total inductance is 30 mH. Find the self-inductance of second coil.

Ans

✓ 1. 35 mH

✗ 2. 70 mH

✗ 3. 15 mH

✗ 4. 30 mH

Question ID : **7773934023**
Status : **Answered**
Chosen Option : **3**

Q.19 If the supply frequency increases, the inductive reactance will _____ and capacitive reactance will _____.

Ans

✗ 1. Decrease, Decrease

✗ 2. Decrease, Increase

✓ 3. Increase, Decrease

✗ 4. Increase, Increase

Question ID : **7773934075**
Status : **Answered**
Chosen Option : **3**

Q.20 In case of induction type instruments, full scale deflection of around _____ can be obtained.

Ans

✔ 1. 300°

✘ 2. 250°

✘ 3. 180°

✘ 4. 360°

Question ID : **7773934033**
Status : **Answered**
Chosen Option : **3**

Q.21 Absorption factor for a clean atmosphere is _____.

Ans

✘ 1. 0.2

✘ 2. 0.1

✔ 3. 1.0

✘ 4. 0.3

Question ID : **7773934044**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Which of the following earthing is normally not advisable?

Ans

✘ 1. Pipe earthing

✔ 2. Earthing through water mains

✘ 3. Rod earthing

✘ 4. Plate earthing

Question ID : **7773934035**
Status : **Answered**
Chosen Option : **2**

Q.23 Ten resistors, each one of 1 kΩ, are connected in parallel. The equivalent resistance is of the parallel combination is _____.

Ans

✘ 1. 10 Ω

✔ 2. 100 Ω

✘ 3. 1 kΩ

✘ 4. 10 kΩ

Question ID : **7773934016**
Status : **Answered**
Chosen Option : **2**

Q.24 In a 3-phase circuit, the ration of the reactive power to active power is _____.

Ans
✗ 1. Cos Φ
✗ 2. Sin Φ
✓ 3. Tan Φ
✗ 4. Cot Φ

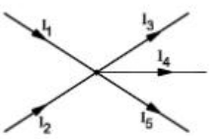
Question ID : **7773934054**
Status : **Answered**
Chosen Option : **3**

Q.25 In a four-pole alternator, 60 degree mechanical is equivalent to _____ electrical.

Ans
✗ 1. 60 degree
✓ 2. 120 degree
✗ 3. 30 degree
✗ 4. 180 degree

Question ID : **7773934057**
Status : **Answered**
Chosen Option : **2**

Q.26 For the following diagram if $I_1 = 10$ A, $I_2 = 10$ A, $I_3 = 5$ A and $I_4 = 5$ A, then find I_5.



Ans
✗ 1. 20 A
✗ 2. 15 A
✗ 3. 5 A
✓ 4. 10 A

Question ID : **7773934019**
Status : **Answered**
Chosen Option : **4**

Q.27 Two-value capacitor motor combines the advantages of:

Ans ✗ 1. Permanent capacitor motor and Resistance split-phase motor

✗ 2. Shaded pole motor and Resistance split-phase motor

✗ 3. Capacitor start motor and Resistance split-phase motor

✓ 4. Capacitor start motor and Permanent capacitor motor

Question ID : **7773934059**
Status : **Answered**
Chosen Option : **4**

Q.28 Which of the following is NOT found in coal fired thermal power plant?

Ans ✓ 1. Penstock

✗ 2. Economiser

✗ 3. Condenser

✗ 4. Superheater

Question ID : **7773934069**
Status : **Answered**
Chosen Option : **1**

Q.29 Find the frequency of the 8-pole induction motor if the synchronous speed is 900 rpm.

Ans ✗ 1. 50 Hz

✗ 2. 30 Hz

✗ 3. 25 Hz

✓ 4. 60 Hz

Question ID : **7773934062**
Status : **Answered**
Chosen Option : **4**

Q.30 Which of the following is an application of DC shunt motor?

Ans ✓ 1. Lathe machines

✗ 2. Air compressor

✗ 3. Traction systems

✗ 4. Cranes

Question ID : **7773934051**
Status : **Answered**
Chosen Option : **1**

Q.31 For a balanced delta connection, the ratio of the phase current to line current is:

Ans

✗ 1. $\frac{1}{3}$

✓ 2. $\frac{1}{\sqrt{3}}$

✗ 3. 3

✗ 4. $\sqrt{3}$

Question ID : **7773934052**
Status : **Answered**
Chosen Option : **4**

Q.32 Vulcanized Indian Rubber is prepared by mixing pure rubber with mineral matter and _____ of Sulphur.

Ans

✓ 1. 3% to 5%

✗ 2. 0.5% to 1%

✗ 3. 10% to 15%

✗ 4. 0.1% to 0.5%

Question ID : **7773934082**
Status : **Not Answered**
Chosen Option : **--**

Q.33 For an induction motor with stationary rotor the slip speed is _____.

Ans

✓ 1. N_S

✗ 2. Zero

✗ 3. $N_S/2$

✗ 4. $N_S/4$

Question ID : **7773934061**
Status : **Answered**
Chosen Option : **1**

Q.34 For large DC machines, stray load losses may be taken as _____ of the output power.

Ans

✗ 1. 15%

✗ 2. 10%

✓ 3. 1%

✗ 4. 5%

Question ID : **7773934050**
Status : **Answered**
Chosen Option : **4**

Q.35 Low starting torque is the characteristic of _____.

Ans

✗ 1. Permanent capacitor motor

✗ 2. Capacitor start motor

✓ 3. Shaded pole motor

✗ 4. Two-value capacitor motor

Question ID : **7773934060**
Status : **Answered**
Chosen Option : **3**

Q.36 Which of the following word is WRONG with reference to the 5s concept of safety in organization?

Ans

✗ 1. Shine

✓ 2. Start

✗ 3. Sort

✗ 4. Sustain

Question ID : **7773934014**
Status : **Answered**
Chosen Option : **1**

Q.37 In transformer, the vertical portions of the core are usually called _____.

Ans

✓ 1. Limbs

✗ 2. Yoke

✗ 3. Base

✗ 4. Hands

Question ID : **7773934065**
Status : **Answered**
Chosen Option : **1**

Q.38 A 500 V DC series motor runs at 600 rpm. The efficiency is 90% and the shaft torque is 180 Nm. Determine the current taken by the motor.

Ans

✗ 1. 2π A

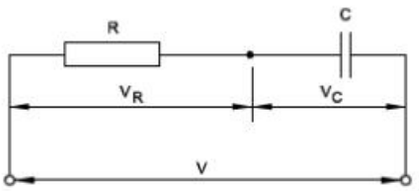
✗ 2. 6π A

✗ 3. 4π A

✓ 4. 8π A

Question ID : **7773934049**
Status : **Not Answered**
Chosen Option : **--**

Q.39 For the following circuit, $V_R = 12$ V and $V_C = 16$ V. Find the voltage "V":



Ans

✔ 1. 20 V

✘ 2. 15 V

✘ 3. 25 V

✘ 4. 30 V

Question ID : **7773934076**
Status : **Answered**
Chosen Option : **1**

Q.40 What will be the rotor frequency of the induction motor having supply frequency of 60 Hz and 5% slip?

Ans

✘ 1. 5 Hz

✘ 2. 50 Hz

✔ 3. 3 Hz

✘ 4. 60 Hz

Question ID : **7773934063**
Status : **Answered**
Chosen Option : **3**

Q.41 The impedance of a circuit placed across 120 V, 50 Hz supply is given as (10 + j20). Find the current in the circuit.

Ans

✔ 1. (2.4 – j 4.8) amperes

✘ 2. (2.5 – j 5) amperes

✘ 3. (2.4 + j 4.8) amperes

✘ 4. (2.5 + j 5) amperes

Question ID : **7773934031**
Status : **Not Answered**
Chosen Option : **--**

Q.42 Which segment of the seven-segment LED will not be ON if it displays the digit "0" (zero)?

Ans

✘ 1. E

✘ 2. F

✘ 3. A

✔ 4. G

Question ID : **7773934040**
Status : **Answered**
Chosen Option : **4**

Q.43 In general, the insulating materials used in cables should have:

Ans

✗ 1. Low mechanical strength

✗ 2. High cost

✓ 3. High dielectric strength

✗ 4. Low resistance

Question ID : **7773934079**
Status : **Answered**
Chosen Option : **3**

Q.44 In DC distribution system, the balancer machine connected to the heavily loaded side works as a _____.

Ans

✗ 1. Autotransformer

✗ 2. Circuit breaker

✓ 3. Generator

✗ 4. Motor

Question ID : **7773934071**
Status : **Answered**
Chosen Option : **3**

Q.45 A 250 Ω resistor is connected across a battery of 5 V. What will be the current through it?

Ans

✗ 1. 2 A

✗ 2. 0.002 A

✗ 3. 0.2 A

✓ 4. 0.02 A

Question ID : **7773934017**
Status : **Answered**
Chosen Option : **4**

Q.46 In a series RLC circuit, $R = 30\ \Omega$, $X_L = 50\ \Omega$ and $X_C = 90\ \Omega$. If the current is 3 A, find the net reactive voltage in the circuit.

Ans

✗ 1. 90 V

✓ 2. 120 V

✗ 3. 60 V

✗ 4. 180 V

Question ID : **7773934077**
Status : **Answered**
Chosen Option : **2**

Q.47 A 5 H coil is coupled with a 20 H coil. What could be the maximum value of mutual inductance between them?

Ans

✔ 1. 10 H

✘ 2. 25 H

✘ 3. 12.5 H

✘ 4. 5 H

Question ID : **7773934024**
Status : **Answered**
Chosen Option : **1**

Q.48 In magnetic circuits, H = _____ per unit length of core.

Ans

✘ 1. Flux density

✔ 2. mmf

✘ 3. Flux

✘ 4. emf

Question ID : **7773934027**
Status : **Answered**
Chosen Option : **2**

Q.49 State TRUE / FALSE for following statements:

1. Current chopping mainly occurs in air blast circuit breakers.
2. Forced-blast circuit breakers have high speed of circuit interruption.

Ans

✘ 1. False, True

✘ 2. False, False

✘ 3. True, False

✔ 4. True, True

Question ID : **7773934074**
Status : **Answered**
Chosen Option : **4**

Q.50 In terms of cleanliness which power plant is best?

Ans

✘ 1. Diesel power plant

✘ 2. Steam power plant

✔ 3. Hydro-electric power plant

✘ 4. Nuclear power plant

Question ID : **7773934068**
Status : **Answered**
Chosen Option : **3**

Q.51 A multicolor LED has:

Ans
1. Three LEDs in parallel connection
2. Two LEDs in anti-parallel connection
3. Two LEDs in parallel connection
4. Three terminals

Question ID : **7773934039**
Status : **Answered**
Chosen Option : **2**

Q.52 The unit of magnetic field intensity is:

Ans
1. AT
2. Wb
3. Wb/m^2
4. AT/m

Question ID : **7773934025**
Status : **Answered**
Chosen Option : **4**

Q.53 The net torque experienced by the rotor of single phase induction motor is _____ at start.

Ans
1. Infinite
2. Positive
3. Zero
4. Negative

Question ID : **7773934058**
Status : **Answered**
Chosen Option : **3**

Q.54 Find the phase difference between two currents:
$I_1(t) = -10\cos(\omega t + 50°)$ and $I_2(t) = 12\sin(\omega t - 10°)$.

Ans
1. 10°
2. 30°
3. 50°
4. 60°

Question ID : **7773934029**
Status : **Answered**
Chosen Option : **4**

Q.55 A 40 W lamp is operated with 250 V supply. Find the maximum possible current through the lamp.

Ans

✗ 1. 32 mA

✗ 2. 16 mA

✓ 3. 160 mA

✗ 4. 1.6 A

Question ID : **7773934018**
Status : **Answered**
Chosen Option : **3**

Q.56 Which of the following is not a VALID type of circuit breaker?

Ans

✓ 1. Water-jet circuit breaker

✗ 2. Vacuum circuit breaker

✗ 3. Air-blast circuit breaker

✗ 4. Oil circuit breaker

Question ID : **7773934072**
Status : **Answered**
Chosen Option : **1**

Q.57 For which lamp the running cost is minimum?

Ans

✗ 1. Sodium vapour lamp

✗ 2. Mercury vapour lamp

✓ 3. Fluorescent lamp

✗ 4. Incandescent lamp

Question ID : **7773934045**
Status : **Answered**
Chosen Option : **4**

Q.58 Generally the length of a Tenon-saw is _____ and the blade width is _____.

Ans

✓ 1. 250 to 300 mm, 10 cm

✗ 2. 150 to 200 mm, 2 cm

✗ 3. 100 to 110 mm, 5 cm

✗ 4. 400 to 500 mm, 5 cm

Question ID : **7773934015**
Status : **Not Answered**
Chosen Option : **--**

Q.59 For alternators having smooth cylindrical type rotors, state TRUE/FALSE for following statements:

1. Airgap is uniform.
2. Mechanically robust construction.

Ans

✗ 1. False, False

✓ 2. True, True

✗ 3. False, True

✗ 4. True, False

Question ID : **7773934055**
Status : **Answered**
Chosen Option : **2**

Q.60 A sinusoidal voltage is expressed as: $v(t) = 5\sin(4\pi t - 60)$. The frequency of the signal is:

Ans

✗ 1. 25 Hz

✓ 2. 2 Hz

✗ 3. 4 Hz

✗ 4. 50 Hz

Question ID : **7773934028**
Status : **Answered**
Chosen Option : **2**

Q.61 Arrange following parts of an underground cable in correct sequence, considering the direction from inner most to outermost:
Bedding, Serving, Insulation, Conductor

Ans

✓ 1. Conductor, Insulation, Bedding, Serving

✗ 2. Conductor, Bedding, Serving, Insulation

✗ 3. Serving, Bedding, Conductor, Insulation

✗ 4. Bedding, Serving, Insulation, Conductor

Question ID : **7773934081**
Status : **Answered**
Chosen Option : **2**

Q.62 A DC motor is supplied with 1000 V. Find the value of back e.m.f. for maximum power.

Ans

✗ 1. 1000 V

✗ 2. 250 V

✗ 3. 400 V

✓ 4. 500 V

Question ID : **7773934048**
Status : **Answered**
Chosen Option : **4**

Q.63 Electrolyte used in the Lead-acid cell is _____.

Ans

✗ 1. $PbSO_4$

✗ 2. PbO_2

✓ 3. H_2SO_4

✗ 4. KOH

Question ID : **7773934020**
Status : **Answered**
Chosen Option : **3**

Q.64 What will be the peak to peak amplitude of the sinusoidal current $I(t) = 12 \sin(\omega t + 50°)$

Ans

✓ 1. 24 A

✗ 2. 6 A

✗ 3. 12 A

✗ 4. 18 A

Question ID : **7773934030**
Status : **Answered**
Chosen Option : **3**

Q.65 A properly shunted centre-zero galvanometer is connected in the rotor circuit of a 6-pole, 50 Hz, wound rotor induction motor. If the galvanometer makes 90 complete oscillations in one minute, calculate the rotor speed.

Ans

✗ 1. 1170 rpm

✓ 2. 970 rpm

✗ 3. 1200 rpm

✗ 4. 1000 rpm

Question ID : **7773934064**
Status : **Answered**
Chosen Option : **2**

Q.66 Synchronous speed of a 12-pole alternator with a supply frequency of 50 Hz is _____.

Ans

✗ 1. 1500 rpm

✗ 2. 1000 rpm

✗ 3. 3000 rpm

✓ 4. 500 rpm

Question ID : **7773934056**
Status : **Answered**
Chosen Option : **4**

Q.67 Three identical coils, each with R = 6 Ω and XL = 4.5 Ω is delta connected across a 225-V, 50Hz, three-phase supply. Calculate the phase current.

Ans

✗ 1. 25 A

✗ 2. 35 A

✓ 3. 30 A

✗ 4. 20 A

Question ID : **7773934053**
Status : **Answered**
Chosen Option : **4**

Q.68 Following sign is used for:

Ans

✗ 1. Speed limit

✗ 2. No parking

✗ 3. No road ahead

✓ 4. Overtake prohibited

Question ID : **7773934013**
Status : **Answered**
Chosen Option : **4**

Q.69 With reference to the DC generator, state TRUE/FALSE for the following statements:

1. Hysteresis losses and eddy current losses are always equal.
2. Armature copper losses are always negligible.

Ans

✗ 1. False, True

✗ 2. True, True

✗ 3. True, False

✓ 4. False, False

Question ID : **7773934046**
Status : **Answered**
Chosen Option : **4**

Q.70 _____ is the normal frequency (50 Hz) r.m.s. voltage that appears across the contacts of the circuit breaker after final arc extinction.

Ans

✗ 1. Restriking voltage

✗ 2. Supply voltage

✗ 3. Arc voltage

✓ 4. Recovery voltage

Question ID : **7773934073**
Status : **Answered**
Chosen Option : **1**

Section : **General Knowledge**

Q.1 **Mesopotamian civilization is the most ancient civilization, which was located on bank of _____.**

Ans

✗ 1. Yellow River valley

✗ 2. Nile valley

✗ 3. Indus valley

✓ 4. Tigris-Euphrates valley

Question ID : **7773934085**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **Chandrayaan-1, India's first mission to the Moon was launched on:**

Ans

✗ 1. 2010

✓ 2. 2008

✗ 3. 2012

✗ 4. 2005

Question ID : **7773934088**
Status : **Answered**
Chosen Option : **3**

Q.3 **English became the official communication language along with Hindi in India during year _____.**

Ans

✓ 1. 1965

✗ 2. 1960

✗ 3. 1950

✗ 4. 1961

Question ID : **7773934086**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **Which of the following, not borrowed by United States of America?**

Ans
✔ 1. Fundamental duties
✘ 2. Fundamental rights
✘ 3. Impeachment of the president
✘ 4. Functions of president and vice-president

Question ID : **7773934087**
Status : **Not Answered**
Chosen Option : **--**

Q.5 **Maharana Pratap who fought the battle of Haldighati in 1576 was the king of _____.**

Ans
✘ 1. Ajmer
✘ 2. Alwar
✔ 3. Mewar
✘ 4. Jaisalmer

Question ID : **7773934092**
Status : **Answered**
Chosen Option : **3**

Q.6 **Who was the first ever female from India to participate in Olympics?**

Ans
✘ 1. PT Usha
✘ 2. Nethra Kumanan
✘ 3. MC Mary Kom
✔ 4. Nilima Ghose

Question ID : **7773934090**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **Who is the best FIFA men player in the world 2020?**

Ans
✘ 1. Sadio Mané
✘ 2. Cristiano Ronaldo
✘ 3. Lionel Messi
✔ 4. Robert Lewandowski

Question ID : **7773934083**
Status : **Answered**
Chosen Option : **1**

Q.8 Match the following festival with their state.

A	Kati Bihu	i	Assam
B	*Onam*	ii	Punjab
C	jallikattu	iii	Tamil Nadu
D	Vaisakhi	iv	Kerala

Ans
✗ 1. a-ii, b-i, c-iv, d-iii
✗ 2. a-ii, b-i, c-iii, d-iv
✗ 3. a-iii, b-i, c-ii, d-iv
✓ 4. a-i, b-iv, c-iii, d-ii

Question ID : **7773934091**
Status : **Answered**
Chosen Option : **4**

Q.9 **Pushkar Fair 2021 will held in district _____.**

Ans
✗ 1. Hanumangarh
✓ 2. Ajmer
✗ 3. Jaipur
✗ 4. Bikaner

Question ID : **7773934084**
Status : **Answered**
Chosen Option : **3**

Q.10 **Recently in 2021 _____ elected as a vice-president of USA.**

Ans
✗ 1. Antony J. Blinken
✓ 2. Kamala Harris
✗ 3. Joe Biden
✗ 4. Donald John Trump

Question ID : **7773934089**
Status : **Answered**
Chosen Option : **2**

Section : **Reasoning**

Q.1 **A, B, C, D, E and F are sitting at equal distance in a circle facing towards center. A is sitting immediate left of C and second to the right of D. E is sitting second to the right of C. Who is sitting opposite to D?**

Ans
✗ 1. F
✓ 2. C
✗ 3. E
✗ 4. D

Question ID : **7773934100**
Status : **Answered**
Chosen Option : **1**

Q.2 7 3 8 4 2 3 2 4 3 5 6 3 4 6 7 3 2 4 5 7 5 8 9 3 4 5 6 3 8 4 5 4 2 1 4 7 6 9 8
In the above string which number is exactly in middle?

Ans
✔ 1. 7
✘ 2. 8
✘ 3. 5
✘ 4. 9

Question ID : **7773934097**
Status : **Answered**
Chosen Option : **3**

Q.3 A statement is given below followed by two conclusions numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

Statements: Ram is father of Tanuj and Manoj. Manoj is brother of Zain.

Conclusions:
I: Zain is grandson of Ram.
II: Ram is grandfather of Zain.

Ans
✘ 1. Both I and II follow.
✘ 2. Only conclusion II follows
✘ 3. Only conclusion I follows
✔ 4. Neither I nor II follows

Question ID : **7773934098**
Status : **Answered**
Chosen Option : **4**

Q.4 What was the day of week on 26th March 2021?

Ans
✘ 1. Monday
✔ 2. Friday
✘ 3. Saturday
✘ 4. Sunday

Question ID : **7773934102**
Status : **Answered**
Chosen Option : **2**

Q.5 5 8 9 3 4 5 6 3 8 4 5 4 2 1 4 7 6 9 8 7 3 8 4 2 3 2 4 3 5 6 3 4 6 7 3 2 4 5 7
In the above string which number is exactly in middle?

Ans
✘ 1. 9
✔ 2. 7
✘ 3. 5
✘ 4. 8

Question ID : **7773934093**
Status : **Answered**
Chosen Option : **2**

Q.6 **A statement is given below followed by two conclusions numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.**

Statements: Ram is elder than Sohan and Mohan while lighter than Shyam.

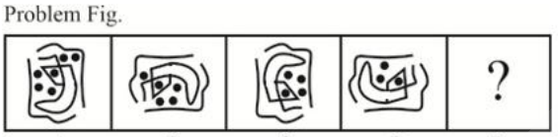
Conclusions:
I: Sohan is brother of Shyam.
II: Ram and Sohan are siblings.

Ans
✗ 1. Only conclusion II follows
✗ 2. Only conclusion I follows
✗ 3. Both I and II follow.
✓ 4. Neither I nor II follows

Question ID : **7773934094**
Status : **Answered**
Chosen Option : **1**

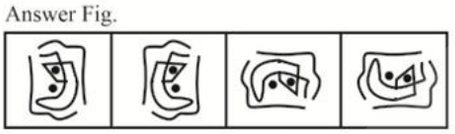
Q.7 Select the option that will correctly replace the question mark (?) and complete the series.

Problem Fig.



A B C D E

Answer Fig.



1 2 3 4

Ans
✗ 1. 3
✗ 2. 2
✓ 3. 1
✗ 4. 4

Question ID : **7773934099**
Status : **Answered**
Chosen Option : **3**

Q.8 **7 3 8 4 2 3 2 4 3 5 6 3 4 6 7 5 8 9 3 4 5 6 3 8 4 5 4 2 1 4 7 6 9 8**
How many '3's are in above string which is preceded by odd number and followed by even number?

Ans
✓ 1. 2
✗ 2. 5
✗ 3. 3
✗ 4. 4

Question ID : **7773934101**
Status : **Answered**
Chosen Option : **1**

Q.9 A, B, C, D, E and F are sitting at equal distance in a circle facing towards center. C is sitting second to the left of D and immediate right of F. B is sitting opposite to E. Who is sitting opposite to A?

Ans
✗ 1. F
✗ 2. D
✓ 3. C
✗ 4. E

Question ID : **7773934096**
Status : **Answered**
Chosen Option : **3**

Q.10 Which is the wrong term in the given series?

19, 22, 25, 34, 43, 54

Ans
✗ 1. 34
✗ 2. 43
✗ 3. 22
✓ 4. 25

Question ID : **7773934095**
Status : **Answered**
Chosen Option : **2**

Section : **General English**

Q.1 Identify the antonym of the word, AGONY, from the choices given below.

Ans
✗ 1. distress
✓ 2. pleasure
✗ 3. anger
✗ 4. excitement

Question ID : **7773934110**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Read the sentence below and choose the option which is opposite in meaning from the word 'profligate".

The four friends made a profligate use of scarce resources.

Ans
✓ 1. frugal
✗ 2. fierce
✗ 3. awkward
✗ 4. equal

Question ID : **7773934111**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **Select the wrongly spelt word.**

Ans
- ✗ 1. bureau
- ✗ 2. bequeath
- ✓ 3. bouque
- ✗ 4. beseech

Question ID : **7773934107**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **Identify the meaning of the word, 'flummoxed', in the sentence from the four options given below.**

The mother was flummoxed by the questions of her five-year-old son.

Ans
- ✗ 1. angry
- ✗ 2. sad
- ✓ 3. confused
- ✗ 4. irritated

Question ID : **7773934109**
Status : **Answered**
Chosen Option : **3**

Q.5 **Fill in the blank with the correct option.**

The holy man along with his followers _____ going to the Kumbh Mela.

Ans
- ✓ 1. is
- ✗ 2. are
- ✗ 3. were
- ✗ 4. have been

Question ID : **7773934104**
Status : **Answered**
Chosen Option : **1**

Q.6 **Select the wrongly spelt word.**

Ans
- ✗ 1. conquer
- ✓ 2. celabrity
- ✗ 3. celestial
- ✗ 4. curious

Question ID : **7773934105**
Status : **Answered**
Chosen Option : **1**

Q.7 **Select the most suitable synonym of the word, MODESTY, from the options given below.**

Ans
1. boldness
2. humility
3. anger
4. secrecy

Question ID : **7773934108**
Status : **Not Answered**
Chosen Option : **--**

Q.8 **Select the meaning of the given idiom.**

'sit on the fence'

Ans
1. to waste time only in judging others
2. to take up a work and not complete it
3. to be unable to make up one's mind
4. to be unable or unwilling to commit oneself

Question ID : **7773934112**
Status : **Not Answered**
Chosen Option : **--**

Q.9 **Identify the segment in the sentence which contains the grammatical error from the given options. If there is no error, choose the option "No error"**

Myself will see to it that all the problems of the villagers are resolved.

Ans
1. No error
2. Myself will see to it
3. that all the problems
4. of the villagers are resolved

Question ID : **7773934103**
Status : **Answered**
Chosen Option : **2**

Q.10 **Select the wrongly spelt word.**

Ans
1. acknowledgement
2. agression
3. exception
4. accumulate

Question ID : **7773934106**
Status : **Answered**
Chosen Option : **4**