

PSPCL

Previous Year Paper

JE EE

15 Nov 2021 (Shift 1)



Punjab State Power Corporation Limited

Participant ID	
Test Center Name	
Test Date	15/11/2021
Test Time	8:30 AM - 10:30 AM
Subject	Junior Engineer (Electrical)

Section : Respective Discipline

Q.1 Fundamental frequency of the waveform $130\sin(6280t + 30^\circ)$ is:

- Ans
- ✓ 1. 1000 Hz
 - ✗ 2. 200 Hz
 - ✗ 3. 2000 Hz
 - ✗ 4. 500 Hz

Question ID : 7773931513
Status : Answered
Chosen Option : 1

Q.2 $V=20\sin(\omega t+30)$
 $I=10\sin(\omega t+60)$
Calculate the phase difference between V and I.

- Ans
- ✗ 1. 60 degree
 - ✓ 2. 30 degree
 - ✗ 3. 50 degree
 - ✗ 4. 0 degree

Question ID : 7773931510
Status : Answered
Chosen Option : 2

Q.3 A parallel plate capacitor has capacitance of C farads. If the area of the plates is doubled and the distance between them is halved, then the capacitance of the capacitor is:

- Ans**
- ☒ 1. C farads
 - ☒ 2. 0.5C farads
 - ☒ 3. 4C farads
 - ☒ 4. 2C farads

Question ID : 7773931538
Status : **Answered**
Chosen Option : 3

Q.4 Calculate the no of poles of synchronous motor if the synchronous speed is 1200 rpm.
Given, supply frequency= 60 Hz.

- Ans**
- ☒ 1. 5
 - ☒ 2. 2
 - ☒ 3. 3
 - ☒ 4. 6

Question ID : 7773931529
Status : **Answered**
Chosen Option : 4

Q.5 Form factor of a sinusoidal wave is defined as the ratio of its:

- Ans**
- ☒ 1. rms value to its average value
 - ☒ 2. average value to its rms value
 - ☒ 3. peak value to its rms value
 - ☒ 4. rms value to its peak value

Question ID : 7773931556
Status : **Answered**
Chosen Option : 1

Q.6 Melting temperature of Nichrome wire is about:

- Ans**
- ☒ 1. 1380 deg C
 - ☒ 2. 1100 deg C
 - ☒ 3. 1900 deg C
 - ☒ 4. 1500 deg C

Question ID : 7773931542
Status : **Not Answered**
Chosen Option : --

Q.7 Which of the following is correct for single phase induction motor?

- Ans
- ☐ 1. Backward slip+ Forward slip= -2
 - ☐ 2. Backward slip+ Forward slip=1
 - ☐ 3. Backward slip+ Forward slip= -1
 - ☒ 4. Backward slip+ Forward slip=2

Question ID : 7773931519
Status : Answered
Chosen Option : 4

Q.8 Which of the following instrument is used to measure Insulation resistance?

- Ans
- ☒ 1. Megger
 - ☐ 2. Kelvin Double bridge
 - ☐ 3. Wheatstone bridge
 - ☐ 4. Galvanometer

Question ID : 7773931557
Status : Answered
Chosen Option : 1

Q.9 Calculate the secondary voltage in a single-phase transformer if the voltage in primary side is 200V and turns ratio is 60.

- Ans
- ☐ 1. 200V
 - ☐ 2. 30000V
 - ☒ 3. 12000V
 - ☐ 4. 15000V

Question ID : 7773931521
Status : Answered
Chosen Option : 3

Q.10 Resistance value of wet skin is:

- Ans
- ☐ 1. 1600 ohm
 - ☒ 2. 1000 ohm
 - ☐ 3. 550 ohm
 - ☐ 4. 760 ohm

Question ID : 7773931549
Status : Answered
Chosen Option : 3

Q.11 What is the main requirement for development of every C program?

- Ans
- ☐ 1. The C program must have output data.
 - ☐ 2. The C program must have input data.
 - ☒ 3. The C program must have at least one function.
 - ☐ 4. The C program doesn't require any function.

Question ID : 7773931568
Status : Not Answered
Chosen Option : --

Q.12 If a signal has a time period is 25 millisecond then calculate the frequency of the signal.

- Ans
- ☐ 1. 25 Hz
 - ☐ 2. 50 Hz
 - ☒ 3. 40 Hz
 - ☐ 4. 60 Hz

Question ID : 7773931523
Status : Answered
Chosen Option : 3

Q.13 Calculate the angular frequency of sinusoidal wave in rad/sec for a given frequency of 100 Hz is:

- Ans
- ☐ 1. 100π
 - ☐ 2. $100/\pi$
 - ☐ 3. $200/\pi$
 - ☒ 4. 200π

Question ID : 7773931514
Status : Answered
Chosen Option : 4

Q.14 Full form of HRC fuse is:

- Ans
- ☒ 1. High Rupture Capacity
 - ☐ 2. Hybrid Rupture Capacity
 - ☐ 3. High Rapid Capacity
 - ☐ 4. Hybrid Rapid Capacity

Question ID : 7773931567
Status : Answered
Chosen Option : 1

Q.15

- Ans
- ☐ 1. Short circuited
 - ☒ 2. Open circuited
 - ☐ 3. An oscillator
 - ☐ 4. Provides high resistance

Question ID : 7773931551
Status : Answered
Chosen Option : 2

Q.16 Which of the following is correct:

- Ans
- ☐ 1. C# is Low level language
 - ☒ 2. C# is High level language
 - ☐ 3. C# is Medium level language
 - ☐ 4. C# is Assembly level language

Question ID : 7773931552
Status : Answered
Chosen Option : 2

Q.17 Full form of RAM:

- Ans
- ☐ 1. Random adverse memory
 - ☒ 2. Random access memory
 - ☐ 3. Radial access memory
 - ☐ 4. Radial adverse memory

Question ID : 7773931566
Status : Answered
Chosen Option : 2

Q.18 Which of following is the full load slip of synchronous motor?

- Ans
- ☐ 1. 0.08
 - ☒ 2. 0
 - ☐ 3. 0.04
 - ☐ 4. 0.05

Question ID : 7773931558
Status : Answered
Chosen Option : 2

Q.19 Capital cost in which power plant is highest:

- Ans
- ☐ 1. Hydro power plant
 - ☐ 2. Steam power plant
 - ☐ 3. Diesel power plant
 - ☒ 4. Nuclear power plant

Question ID : 7773931561
Status : Answered
Chosen Option : 4

Q.20 In a common base transistor configuration, if $I_B=0.11$ mA and $I_E=1.25$ mA, then I_C is:

- Ans
- ☐ 1. -1.08 mA
 - ☐ 2. -1.36 mA
 - ☐ 3. 1.06 mA
 - ☒ 4. 1.14 mA

Question ID : 7773931548
Status : Answered
Chosen Option : 4

Q.21 A 1 metre long conductor carries a current of 40A at right angles to a magnetic field of 100×10^{-3} Tesla.
The force on the conductor is:

- Ans
- ☒ 1. 4 Newton
 - ☐ 2. 400 Newton
 - ☐ 3. 0.4 Newton
 - ☐ 4. 40 Newton

Question ID : 7773931537
Status : Answered
Chosen Option : 1

Q.22 Maximum torque angle of a Synchronous motor is:

- Ans
- ☐ 1. 75 degree
 - ☐ 2. 80 degree
 - ☐ 3. 65 degree
 - ☒ 4. 90 degree

Question ID : 7773931559
Status : Answered
Chosen Option : 4

Q.23

- Ans
- ☒ 1. Greenish blue
 - ☐ 2. Reddish
 - ☐ 3. Yellowish
 - ☐ 4. Bluish green

Question ID : 7773931563
Status : Answered
Chosen Option : 3

Q.24 PMMC stands for:

- Ans
- ☐ 1. Partial magnet moving coil
 - ☐ 2. Partial moving magnet coil
 - ☐ 3. Permanent moving magnet coil
 - ☒ 4. Permanent magnet moving coil

Question ID : 7773931570
Status : Answered
Chosen Option : 4

Q.25



The given symbol is of:

- Ans
- ☐ 1. AND gate
 - ☐ 2. OR gate
 - ☐ 3. NAND gate
 - ☒ 4. XOR gate

Question ID : 7773931546
Status : Answered
Chosen Option : 4

Q.26 Generally short circuit fault in a transformer is protected by:

- Ans
- ☐ 1. Impedence relay
 - ☐ 2. Reactance relay
 - ☐ 3. MHO relay
 - ☒ 4. Merz price protection

Question ID : 7773931536
Status : Answered
Chosen Option : 4

Q.27

- Ans
- ☐ 1. 100 K Ω
 - ☐ 2. 1000 Ω
 - ☒ 3. 1000 K Ω
 - ☐ 4. 10000 Ω

Question ID : 7773931540
Status : Answered
Chosen Option : 3

Q.28 Which of the following is the condition for paralleling of DC Generators?

- Ans
- ☒ 1. Both output voltage and polarities must be same
 - ☐ 2. Output voltage must be same
 - ☐ 3. Polarities must be same
 - ☐ 4. Current in same direction

Question ID : 7773931527
Status : Answered
Chosen Option : 1

Q.29 In C, which command is used to take input from the user:

- Ans
- ☒ 1. scanf
 - ☐ 2. fprintf
 - ☐ 3. return
 - ☐ 4. printf

Question ID : 7773931553
Status : Answered
Chosen Option : 1

Q.30 Calculate the slip of 6 pole 3-phase 50 Hz induction motor if the motor rotates at a speed of 950 rpm.

- Ans
- ☒ 1. 0.05
 - ☐ 2. 0.95
 - ☐ 3. 0.04
 - ☐ 4. 0.02

Question ID : 7773931518
Status : Answered
Chosen Option : 1

Q.31 Condition of maximum efficiency of transformer:

- Ans
- ☐ 1. Core loss < Copper loss
 - ☐ 2. Core loss = 2 * Copper loss
 - ☐ 3. Core loss > Copper loss
 - ☒ 4. Core loss = Copper loss

Question ID : 7773931525
Status : Answered
Chosen Option : 4

Q.32 Find out the 7th harmonic frequency if fundamental frequency is 20 Hz.

- Ans
- ☒ 1. 140 Hz
 - ☐ 2. 20 Hz
 - ☐ 3. 10 Hz
 - ☐ 4. 50 Hz

Question ID : 7773931511
Status : Answered
Chosen Option : 1

Q.33 Among them which is paramagnetic material:

- Ans
- ☐ 1. Nickel
 - ☒ 2. Gold
 - ☐ 3. Carbon monoxide
 - ☐ 4. Titanium

Question ID : 7773931569
Status : Not Answered
Chosen Option : --

Q.34 Instantaneous value of waveform $v = 30 \cos \left(\pi t + \frac{\pi}{6} \right)$ at $t = 1/6$ sec is:

- Ans
- ☒ 1. 15 V
 - ☐ 2. 30 V
 - ☐ 3. 20 V
 - ☐ 4. 21 V

Question ID : 7773931515
Status : Answered
Chosen Option : 1

Q.35

- Ans
- ☐ 1. 1.4
 - ☒ 2. 14000
 - ☐ 3. 0.667
 - ☐ 4. 14

Question ID : 7773931547
Status : Answered
Chosen Option : 2

Q.36 Which of the following bridge is not used for measurement of inductance?

- Ans
- ☒ 1. De Sauty's Bridge
 - ☐ 2. Hay's Bridge
 - ☐ 3. Anderson's Bridge
 - ☐ 4. Owen's Bridge

Question ID : 7773931517
Status : Answered
Chosen Option : 1

Q.37 Interpole winding of DC machine is connected in:

- Ans
- ☐ 1. parallel with the field
 - ☒ 2. series with the armature
 - ☐ 3. parallel with the armature
 - ☐ 4. series with the field

Question ID : 7773931528
Status : Answered
Chosen Option : 2

Q.38 Each branch of a star connected load has a resistance of 10.5Ω . The resistance of each branch of an equivalent delta connection of the same load will be:

- Ans
- ☒ 1. 31.5Ω
 - ☐ 2. 3.5Ω
 - ☐ 3. 21Ω
 - ☐ 4. 10.5Ω

Question ID : 7773931505
Status : Answered
Chosen Option : 1

Q.39

- Ans
- ☒ 1. 59
 - ☒ 2. 57
 - ☒ 3. 65
 - ☒ 4. 63

Question ID : 7773931544
Status : Answered
Chosen Option : 4

Q.40 Three identical alternators rated at 11kV, 25 MVA are connected in parallel. Find out short circuit MVA at the terminal if sub transient reactance of each alternator is 30%.

- Ans
- ☒ 1. 250
 - ☒ 2. 600
 - ☒ 3. 300
 - ☒ 4. 500

Question ID : 7773931532
Status : Answered
Chosen Option : 1

Q.41 A 3 phase slip ring induction motor has rotor resistance 0.05 ohm/phase and standstill rotor reactance 0.4 ohm/phase. Calculate the external rotor resistance required to obtain maximum torque at starting.

- Ans
- ☒ 1. 0.34 ohm/phase
 - ☒ 2. 0.35 ohm/phase
 - ☒ 3. 0.24 ohm/phase
 - ☒ 4. 0.4 ohm/phase

Question ID : 7773931520
Status : Answered
Chosen Option : 2

Q.42 Which of the following is used for protection of electrical equipment from lightning and switching surge?

- Ans
- ☒ 1. Fuse
 - ☒ 2. Transformer
 - ☒ 3. Insulator
 - ☒ 4. Lightning arrester

Question ID : 7773931534
Status : Answered
Chosen Option : 4

Q.43 Generated voltage of a synchronous motor is 100V. If the excitation increased 1.8 times what will be the new generated voltage.

- Ans
- ☐ 1. 60V
 - ☐ 2. 200V
 - ☐ 3. 80V
 - ☒ 4. 180V

Question ID : 7773931530
Status : Answered
Chosen Option : 4

Q.44 If a wire of length 10 m having cross section area of 1m^2 and a resistance of 5 ohms the specific resistance of the material is:

- Ans
- ☒ 1. 0.5 ohm-meter
 - ☐ 2. 2 ohm-meter
 - ☐ 3. 0.2 ohm-meter
 - ☐ 4. 1 ohm-meter

Question ID : 7773931506
Status : Answered
Chosen Option : 1

Q.45 An underground cable has an insulation of relative permittivity of 2. If the insulating material is replaced by another material of relative permittivity of 4. Then capacitance of cable is:

- Ans
- ☐ 1. Halved
 - ☒ 2. Doubled
 - ☐ 3. Quadrupled
 - ☐ 4. Remain unchanged

Question ID : 7773931560
Status : Answered
Chosen Option : 2

Q.46 The rms value of the sinusoidal waveform represented by the equation $200\sqrt{2}\sin(\omega t + 30^\circ)$ is:

- Ans
- ☐ 1. 400
 - ☒ 2. 200
 - ☐ 3. $200\sqrt{2}$
 - ☐ 4. $100\sqrt{2}$

Question ID : 7773931512
Status : Answered
Chosen Option : 2

Q.47

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

Question ID : 7773931541
Status : Answered
Chosen Option : 2

Q.48 HTTP stands for:

- Ans
- ☐ 1. Hyper transfer text protocol
 - ☐ 2. Hypo transfer text protocol
 - ☒ 3. Hyper text transfer protocol
 - ☐ 4. Hypo text transfer protocol

Question ID : 7773931565
Status : Answered
Chosen Option : 3

Q.49 Three capacitors each of 12 μF are connected in parallel, the total equivalent capacitance is:

- Ans
- ☒ 1. 36 μF
 - ☐ 2. 48 μF
 - ☐ 3. 12 μF
 - ☐ 4. 24 μF

Question ID : 7773931501
Status : Answered
Chosen Option : 1

Q.50 Addition of 1010 and 1101 is:

- Ans
- ☒ 1. 010111
 - ☐ 2. 010110
 - ☐ 3. 010101
 - ☐ 4. 010011

Question ID : 7773931545
Status : Answered
Chosen Option : 1

Q.51

- Ans
- ☐ 1. 2.54 centimeter
 - ☒ 2. .254 centimeter
 - ☐ 3. 25.4 millimeter
 - ☐ 4. 0.083 foot

Question ID : 7773931516
Status : Answered
Chosen Option : 2

Q.52 Joule/sec is the unit of:

- Ans
- ☒ 1. power
 - ☐ 2. charge
 - ☐ 3. energy
 - ☐ 4. Potential difference

Question ID : 7773931504
Status : Answered
Chosen Option : 1

Q.53 Among them which is symmetrical fault:

- Ans
- ☐ 1. Line to line fault
 - ☒ 2. 3 phase short circuit fault
 - ☐ 3. Phase to phase fault
 - ☐ 4. Single line to ground fault

Question ID : 7773931533
Status : Answered
Chosen Option : 2

Q.54 Which power plant yields no standby loss?

- Ans
- ☐ 1. Nuclear power plant
 - ☐ 2. Diesel power plant
 - ☐ 3. Steam power plant
 - ☒ 4. Hydro power plant

Question ID : 7773931535
Status : Answered
Chosen Option : 2

Q.55

- Ans
- ☒ 1. Integer
 - ☒ 2. Character
 - ☒ 3. Floating
 - ☒ 4. String

Question ID : 7773931554
Status : Answered
Chosen Option : 1

Q.56 Calculate zero sequence component of current if current flow from neutral to ground is 24 A.

- Ans
- ☒ 1. 8A
 - ☒ 2. 10A
 - ☒ 3. 6A
 - ☒ 4. 4A

Question ID : 7773931531
Status : Answered
Chosen Option : 1

Q.57 Calculate the energy stored in a coil if the coil carries a current of 20 A and inductance of the coil is 40 mH.

- Ans
- ☒ 1. 12 J
 - ☒ 2. 2 J
 - ☒ 3. 8 J
 - ☒ 4. 4 J

Question ID : 7773931508
Status : Answered
Chosen Option : 3

Q.58 Which of the following refers to the unit of permeance?

- Ans
- ☒ 1. Wb
 - ☒ 2. AT/Wb
 - ☒ 3. Wb*AT
 - ☒ 4. Wb/AT

Question ID : 7773931507
Status : Not Answered
Chosen Option : --

Q.59

- Ans
- ☒ 1. 24
 - ☒ 2. 21
 - ☒ 3. 23
 - ☒ 4. 25

Question ID : 7773931543
Status : Answered
Chosen Option : 3

Q.60 The effect of temperature on metals and insulating material is that the:

- Ans
- ☒ 1. resistance of metals decreases and that of insulating material increases
 - ☒ 2. resistance of both decreases
 - ☒ 3. resistance of both increases
 - ☒ 4. resistance of metals increases and that of insulating material decreases

Question ID : 7773931539
Status : Answered
Chosen Option : 3

Q.61 Which of the following is true for medium voltage?

- Ans
- ☒ 1. Not exceeding 650V
 - ☒ 2. Not exceeding 300V
 - ☒ 3. Not exceeding 1000 V
 - ☒ 4. Not exceeding 1500V

Question ID : 7773931550
Status : Answered
Chosen Option : 4

Q.62 Supplier shall not permit to vary the frequency of AC by not more than _____ % from the declared frequency:

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

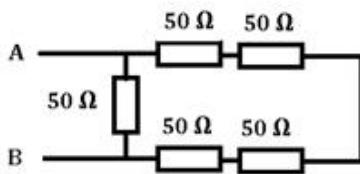
Question ID : 7773931564
Status : Answered
Chosen Option : 1

Q.63 Two resistances, each of $1000\ \Omega$ are connected in parallel across a 200V DC source, then current flowing through the circuit is ____ Amp.

- Ans
- ☒ 1. 40
 - ☒ 2. 10
 - ☒ 3. 0.4
 - ☒ 4. 4

Question ID : 7773931502
Status : Answered
Chosen Option : 3

Q.64



The equivalent resistance between the terminal A and B is:

- Ans
- ☒ 1. $200\ \Omega$
 - ☒ 2. $40\ \Omega$
 - ☒ 3. $50\ \Omega$
 - ☒ 4. $100\ \Omega$

Question ID : 7773931555
Status : Answered
Chosen Option : 2

Q.65 Which of the following denotes unit of resistivity?

- Ans
- ☒ 1. Meter/ohm
 - ☒ 2. Ohm
 - ☒ 3. Ohm-meter
 - ☒ 4. Ohm/meter

Question ID : 7773931562
Status : Answered
Chosen Option : 4

Q.66 The number of parallel path of DC wave winding machine is:

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

Question ID : 7773931526
Status : Answered
Chosen Option : 4

Q.67 Calculate the voltage regulation of single phase transformer if the full load secondary voltage 80% of no load secondary voltage.

- Ans
- ☐ 1. 60%
 - ☐ 2. 80%
 - ☐ 3. 40%
 - ☒ 4. 20%

Question ID : 7773931522
Status : Answered
Chosen Option : 4

Q.68 Calculate energy consumed in 1 minute in watt-sec, when a bulb of 50 watt is connected across 250V then:

- Ans
- ☐ 1. 60
 - ☒ 2. 3000
 - ☐ 3. 200
 - ☐ 4. 300

Question ID : 7773931503
Status : Answered
Chosen Option : 2

Q.69 CRO stands for:

- Ans
- ☒ 1. Cathode ray oscilloscope
 - ☐ 2. Carbon ray oscilloscope
 - ☐ 3. Cathode radius oscilloscope
 - ☐ 4. Carbon radius oscilloscope

Question ID : 7773931524
Status : Answered
Chosen Option : 1

Q.70 Calculate the mmf generated in a coil if the coil carries 20 mA current. Given no of turns= 1000, length of the wire= 20 mm and thickness of wire= 50mm.

- Ans
- ☐ 1. 30 AT
 - ☐ 2. 25 AT
 - ☒ 3. 20 AT
 - ☐ 4. 10 AT

Question ID : 7773931509
Status : Answered
Chosen Option : 3

Q.1 Harvey J. Alter, Michael Houghton and Charles M. Rice received the Nobel prize 2020 under category Physiology or Medicine for the discovery of:

- Ans ☒ 1. Hepatitis D virus
- ☒ 2. Hepatitis C virus
- ☒ 3. Corona virus
- ☒ 4. Hepatitis B virus

Question ID : 7773931578
Status : Answered
Chosen Option : 1

Q.2 Sangai is the major Festival of ____.

- Ans ☒ 1. Nagaland
- ☒ 2. Tripura
- ☒ 3. Assam
- ☒ 4. Manipur

Question ID : 7773931580
Status : Not Answered
Chosen Option : --

Q.3 In year 2019, ____ has been appointed Chief Economist of the International Monetary Fund (IMF).

- Ans ☒ 1. Simon Johnson
- ☒ 2. Gita Gopinath
- ☒ 3. Maurice Obstfeld
- ☒ 4. Olivier Blanchard

Question ID : 7773931576
Status : Answered
Chosen Option : 2

Q.4 Which player won the prestigious Sir Garfield Sobers Award 'ICC Male Cricketer for the last Decade'.

- Ans ☒ 1. Virat Kohli
- ☒ 2. Rohit Sharma
- ☒ 3. Sachin Tendulkar
- ☒ 4. Rahul David

Question ID : 7773931572
Status : Answered
Chosen Option : 1

Q.5 Which of the following is not correct about people and their popular names

Ans  1. Dr. Rajendra Prasad - Jana Nayak

 2. Bhagat Singh - Sahid-e-Azam

 3. Subhash Chandra Bose - Netaji

 4. Sardar Patel - Iron Man

Question ID : 7773931575

Status : Answered

Chosen Option : 1

Q.6 _____ was the first bank, which introduce ATM concept in India.

Ans  1. HSBC Bank

 2. PNB Bank

 3. SBI Bank

 4. HDFC Bank

Question ID : 7773931579

Status : Answered

Chosen Option : 1

Q.7 Which of the following, not appoints by the president of India:

Ans  1. UPSC Chairman

 2. Vice-President

 3. Governors of state

 4. Chief Election Commissioner

Question ID : 7773931577

Status : Answered

Chosen Option : 4

Q.8 In which union territory of India, does not has own legislatures assembly?

Ans  1. Ladakh

 2. Puducherry

 3. Jammu & Kashmir

 4. Delhi

Question ID : 7773931573

Status : Answered

Chosen Option : 1

Q.9 Which is mismatch about Folk Dances and states of India ?

Ans  1. Garba - Gujarat

 2. Bihu - West Bengal

 3. Ghumar- Rajasthan

 4. Bharatanatyam - Tamil Nadu

Question ID : 7773931574

Status : Answered

Chosen Option : 2

Q.10 Men's Hockey Team won Olympic medal after gap of ____.

- Ans  1. 50 years
-  2. 41 years
-  3. 31 years
-  4. 51 years

Question ID : 7773931571
Status : Answered
Chosen Option : 4

Section : Reasoning

Q.1 If 'A + B' means 'A is brother of B',
'A - B' means 'A is son of B',
'A & B' means 'A is father of B'
'A @ B' means 'A is mother of B'.
What does P @ Q & R - S @ T means?

- Ans  1. T is husband of R
-  2. R is brother of T
-  3. P is mother of S
-  4. Q is son of T

Question ID : 7773931588
Status : Answered
Chosen Option : 2

Q.2 What was the day of week on 15th August 2021?

- Ans  1. Thursday
-  2. Saturday
-  3. Monday
-  4. Sunday

Question ID : 7773931589
Status : Answered
Chosen Option : 4

Q.3 Two statements are followed by two conclusions. Consider the statements to be TRUE even if they seem to be at variance with commonly known facts and decide which of the given conclusion(s) logically follow(s) from the given statements.

Statements:

- A. All goats are horse.
- B. All ducks are horse

Conclusions:

- I. No ducks are horse.
- II. No horses are ducks.

- Ans** ☒ 1. Only conclusions II follow.
- ☒ 2. Only conclusions I follow.
- ☒ 3. None the conclusions follow.
- ☒ 4. Both the conclusions follow.

Question ID : 7773931590

Status : Answered

Chosen Option : 3

Q.4 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: Now a day's temperature is 25 Degree in our city.

Conclusions:

- I) It's month of August.
- II) Winter came in my city.

- Ans** ☒ 1. If neither I nor II follows
- ☒ 2. If only conclusion I follows
- ☒ 3. If only conclusion II follows
- ☒ 4. If both I and II follow.

Question ID : 7773931587

Status : Answered

Chosen Option : 1

Q.5 What was the day of week on 15th August 2020?

- Ans** ☒ 1. Monday
- ☒ 2. Friday
- ☒ 3. Sunday
- ☒ 4. Saturday

Question ID : 7773931582

Status : Answered

Chosen Option : 4

Q.6 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

How many '3's are in above string which is preceded by odd number and followed by even number?

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

Question ID : 7773931585

Status : Answered

Chosen Option : 2

Q.7 A number arrangement machine arranges numbers step by step in particular order according to a set of rules. The device stops when the final result is obtained.

Input : 17 15 22 13 45 32 12
Step I : 12 17 15 22 13 45 32
Step II : 12 13 17 15 22 45 32
Step III : 12 13 15 17 22 45 32
Step IV : 12 13 15 17 22 32 45

Study the above arrangement carefully and then answer the following question:
Which of the following will be the third step of input below:
Input : 19 23 15 35 37 24 17

- Ans  1. 15 17 19 23 24 35 37
-  2. 15 19 23 35 24 17 37
-  3. 15 17 19 23 35 37 24
-  4. 15 19 23 35 37 24 17

Question ID : 7773931583

Status : Answered

Chosen Option : 1

Q.8 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 third to the right of F. A sitting opposite to E. Who is sitting opposite to B?

- Ans  1. F
-  2. E
-  3. D
-  4. C

Question ID : 7773931581

Status : Answered

Chosen Option : 3

Q.9 Which is the wrong term in the given series?

17, 29, 43, 57, 77, 97

- Ans
- ☒ 1. 77
 - ☒ 2. 43
 - ☒ 3. 29
 - ☒ 4. 57

Question ID : 7773931586
Status : Answered
Chosen Option : 4

Q.10 Select the option that will correctly replace the question mark (?) and complete the series.

323, 339, 357, 377, 399, ?

- Ans
- ☒ 1. 419
 - ☒ 2. 421
 - ☒ 3. 417
 - ☒ 4. 423

Question ID : 7773931584
Status : Answered
Chosen Option : 4

Section : General English

Q.1 Choose the article for the given blank:

The children saw ____ animal escape from its cage at the Palani zoo.

- Ans
- ☒ 1. An
 - ☒ 2. A
 - ☒ 3. In
 - ☒ 4. Zero article

Question ID : 7773931593
Status : Answered
Chosen Option : 1

Q.2 Select the option that is correct spelling.

- Ans
- ☒ 1. undelating
 - ☒ 2. acompany
 - ☒ 3. worshippers
 - ☒ 4. Acquarium

Question ID : 7773931597
Status : Answered
Chosen Option : 4

Q.3 Select the option that is incorrect spelling.

- Ans
- ☒ 1. quadrangle
 - ☒ 2. quadruple
 - ☒ 3. quadrent
 - ☒ 4. quarter

Question ID : 7773931600
Status : Answered
Chosen Option : 3

Q.4 Choose the correct type of sentence for the given sentence:

She drove a white coloured scooty day before yesterday.

- Ans
- ☒ 1. Exclamatory sentence
 - ☒ 2. Interrogative sentence
 - ☒ 3. Declarative sentence
 - ☒ 4. Imperative sentence

Question ID : 7773931591
Status : Answered
Chosen Option : 3

Q.5 Select the most appropriate option to fill in blank.

Please let me know ____ your visit ____ advance, so that I am ____home.

- Ans
- ☒ 1. Of, in, in
 - ☒ 2. For, at, at
 - ☒ 3. From, in, on
 - ☒ 4. Of, in, at

Question ID : 7773931598
Status : Answered
Chosen Option : 4

Q.6 Select the most appropriate synonym of the given word.

Rejuvenate

- Ans
- ☒ 1. dishearten
 - ☒ 2. subdue
 - ☒ 3. enliven
 - ☒ 4. exhaust

Question ID : 7773931596
Status : Answered
Chosen Option : 3

Q.7 Choose the correct antonym of the given word:

MANIPULATIVE

- Ans  1. Manage
 2. Genuine
 3. Dodger
 4. Ingenuous

Question ID : 7773931592
Status : Answered
Chosen Option : 2

Q.8 Identify the segment in the sentence, which contains the grammatical error.

I didn't knew that there was a meeting scheduled for today.

- Ans  1. a meeting scheduled
 2. I didn't knew
 3. for today.
 4. that there was

Question ID : 7773931594
Status : Answered
Chosen Option : 2

Q.9 Select the most appropriate meaning of the underlined idiom in the given sentence.

I have been waiting in the wings for the post of the supervisor.

- Ans  1. Waiting back stage
 2. Waiting for an opportunity
 3. Waiting to prompt the actor on the stage
 4. Waiting to be retired

Question ID : 7773931599
Status : Answered
Chosen Option : 2

Q.10 Select the most appropriate option to fill in blank.

The weather in Bangalore is perfect, it is _____ too cold _____ too hot.

- Ans  1. Both, and
 2. Neither, nor
 3. Both, or
 4. Either, or

Question ID : 7773931595
Status : Answered
Chosen Option : 2