

PSPCL

Previous Year Paper

JE EE

15 Nov 2021 (Shift 2)



Punjab State Power Corporation Limited

Participant ID	
Participant Name	
Test Center Name	
Test Date	15/11/2021
Test Time	12:30 PM - 2:30 PM
Subject	Junior Engineer (Electrical)

Section : Respective Discipline

Q.1 100 Tesla = _____ we/ m²

- Ans
- ☒ 1. 100
 - ☐ 2. 10
 - ☐ 3. 0.1
 - ☐ 4. 1000

Question ID : 7773932149

Status : Answered

Chosen Option : 4

Q.2 A machine which converts mechanical energy to electrical energy in the form of alternating current is called _____

- Ans
- ☐ 1. Synchronous motor
 - ☒ 2. Alternator
 - ☐ 3. Transformer
 - ☐ 4. Induction motor

Question ID : 7773932130

Status : Answered

Chosen Option : 2

Q.3 The maximum demand on a power station is 100 MW. Find the annual load factor if the total energy generated in a year is 4380×10^5 kWh.

- Ans
- ☐ 1. 75 %
 - ☒ 2. 50 %
 - ☐ 3. 60 %
 - ☐ 4. 25 %

Question ID : 7773932144

Status : Answered

Chosen Option : 4

Q.4 In thermal power plants, Economiser is used to heat

- Ans
- ☐ 1. Air
 - ☒ 2. Feed water
 - ☐ 3. Coal
 - ☐ 4. Steam

Question ID : 7773932136
Status : Answered
Chosen Option : 4

Q.5 A lint is basically _____

- Ans
- ☐ 1. C compiler
 - ☐ 2. C interpreter
 - ☒ 3. Analyzing tool
 - ☐ 4. Debugger

Question ID : 7773932161
Status : Answered
Chosen Option : 4

Q.6 Which of the following is NOT a renewable source of energy?

- Ans
- ☐ 1. Solar
 - ☒ 2. Fossil fuels
 - ☐ 3. Wind
 - ☐ 4. Tidal

Question ID : 7773932134
Status : Answered
Chosen Option : 2

Q.7 In a full wave bridge rectifier, at any instant of time _____ diodes are conducting.

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

Question ID : 7773932162
Status : Answered
Chosen Option : 2

Q.8 In a phase wound rotor of 3-phase induction motor, the number of slip-rings are _____

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

Question ID : 7773932120
Status : **Answered**
Chosen Option : 1

Q.9 For good DC generators, the overall efficiency may be as high as _____

- Ans**
- ☐ 1. 100 %
 - ☒ 2. 95 %
 - ☐ 3. 80 %
 - ☐ 4. 85 %

Question ID : 7773932129
Status : **Answered**
Chosen Option : 4

Q.10 The upper frequency limit of high frequency transformers is _____

- Ans**
- ☐ 1. 300 kHz
 - ☐ 2. 300 MHz
 - ☒ 3. 30 MHz
 - ☐ 4. 3 MHZ

Question ID : 7773932126
Status : **Not Answered**
Chosen Option : --

Q.11 A linear two-terminal circuit can be replaced by an equivalent circuit consisting of a voltage source in series with a resistor. This statement refers to the

- Ans**
- ☒ 1. Thevenin's theorem
 - ☐ 2. Superposition theorem
 - ☐ 3. Norton's theorem
 - ☐ 4. Reciprocity theorem

Question ID : 7773932104
Status : **Answered**
Chosen Option : 2

Q.12 The output of a 2-input AND gate will be high when

- Ans
- ☐ 1. Both the inputs are grounded
 - ☐ 2. Only one input will be high
 - ☐ 3. Both the inputs will be low
 - ☒ 4. Both the inputs will be high

Question ID : 7773932157
Status : **Answered**
Chosen Option : 4

Q.13 A 200 V lamp has a total flux of 2000 lumens and takes a current of 0.5 A. calculate lumens per watt.

- Ans
- ☒ 1. 20
 - ☐ 2. 200
 - ☐ 3. 40
 - ☐ 4. 400

Question ID : 7773932152
Status : **Not Answered**
Chosen Option : --

Q.14 Which of the following is example of low level language?

- Ans
- ☐ 1. Java
 - ☐ 2. Python
 - ☒ 3. HTML
 - ☐ 4. C

Question ID : 7773932169
Status : **Answered**
Chosen Option : 4

Q.15 Which of the following is not a characteristic of Read Only Memory (ROM)?

- Ans
- ☒ 1. Volatile
 - ☐ 2. Fast to Read
 - ☐ 3. Cannot be written so quickly
 - ☐ 4. Costlier than RAM

Question ID : 7773932168
Status : **Answered**
Chosen Option : 1

Q.16 The resistivity of _____ decreases with increase in temperature.

- Ans
- ☒ 1. Silicon
 - ☐ 2. Aluminium
 - ☐ 3. Silver
 - ☐ 4. Copper

Question ID : 7773932151
Status : Answered
Chosen Option : 1

Q.17 For a CE configuration of transistor, the zero signal values of I_C and V_{CE} are known as _____

- Ans
- ☐ 1. Breakdown point
 - ☐ 2. Cutoff point
 - ☒ 3. Operating point
 - ☐ 4. Saturation point

Question ID : 7773932164
Status : Not Answered
Chosen Option : --

Q.18 A power plant has the annual load factor = 70%, Capacity factor = 50%, Use factor = 60%. If maximum demand is 20 MW, find the reserve capacity over and above the peak load.

- Ans
- ☐ 1. 20 MW
 - ☐ 2. 4 MW
 - ☒ 3. 8 MW
 - ☐ 4. 16 MW

Question ID : 7773932145
Status : Not Answered
Chosen Option : --

Q.19 When different types of consumers are charged at different uniform per unit rates, it is called a

- Ans
- ☐ 1. Block-rate tariff
 - ☒ 2. Flat-rate tariff
 - ☐ 3. Three-part tariff
 - ☐ 4. Two-part tariff

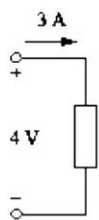
Question ID : 7773932138
Status : Answered
Chosen Option : 1

Q.20 A conductor is 100 m long. It has a cross sectional area of 5 mm^2 . If the resistance of the conductor is 5 ohms, find the conductivity.

- Ans**
- ☒ 1. $4 \times 10^6 \text{ Siemens/m}$
 - ☐ 2. $40 \times 10^6 \text{ Siemens/m}$
 - ☐ 3. $0.04 \times 10^6 \text{ Siemens/m}$
 - ☐ 4. $0.4 \times 10^6 \text{ Siemens/m}$

Question ID : 7773932147
Status : **Answered**
Chosen Option : 1

Q.21 Calculate the power consumed by the resistor:



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

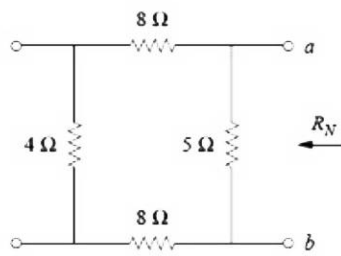
Question ID : 7773932146
Status : **Answered**
Chosen Option : 4

Q.22 In CRO, if a straight line is obtained as the lissajous pattern, the phase difference can be

- Ans**
- ☐ 1. Any but never 0° or 180°
 - ☐ 2. 45° or 135° only
 - ☒ 3. 0° or 180° only
 - ☐ 4. 90° or 270° only

Question ID : 7773932122
Status : **Not Answered**
Chosen Option : --

Q.23 Find R_N for the following circuit:



- Ans
- ☒ 1. 5Ω
 - ☒ 2. 25Ω
 - ☒ 3. 4Ω
 - ☒ 4. 20Ω

Question ID : 7773932105
Status : Answered
Chosen Option : 4

Q.24 In a series RL circuit, $R = 12 \text{ ohm}$ and $X_L = 16 \text{ ohm}$. Find the impedance.

- Ans
- ☒ 1. 20Ω
 - ☒ 2. 18Ω
 - ☒ 3. 30Ω
 - ☒ 4. 25Ω

Question ID : 7773932111
Status : Answered
Chosen Option : 1

Q.25 The term artificial aging in instrument is associated with

- Ans
- ☒ 1. Damping
 - ☒ 2. Springs
 - ☒ 3. Control torque
 - ☒ 4. Permanent magnet

Question ID : 7773932124
Status : Answered
Chosen Option : 2

Q.26 The eddy current loss in a motor is 100 watts at 50 Hz. Its loss at 100 Hz will be

- Ans
- ☒ 1. 400 W
 - ☐ 2. 100 W
 - ☐ 3. 200 W
 - ☐ 4. 25 W

Question ID : 7773932133
Status : Answered
Chosen Option : 4

Q.27 $Y = \overline{(A + B)}$ is the Boolean expression for _____ gate.

- Ans
- ☐ 1. NAND
 - ☐ 2. AND
 - ☐ 3. EX-OR
 - ☒ 4. NOR

Question ID : 7773932159
Status : Answered
Chosen Option : 4

Q.28 The flux produced by the primary in the core of a transformer varies periodically _____

- Ans
- ☐ 1. Neither in direction nor in magnitude
 - ☐ 2. In direction only
 - ☒ 3. Both in magnitude and direction
 - ☐ 4. In magnitude only

Question ID : 7773932119
Status : Answered
Chosen Option : 3

Q.29 A dual beam CRO uses _____ electron gun in the same CRT.

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

Question ID : 7773932123
Status : Answered
Chosen Option : 1

Q.30 Find the frequency of a sinusoidal wave whose time period is 40 milliseconds.

- Ans**
- ☐ 1. 60 Hz
 - ☒ 2. 25 Hz
 - ☐ 3. 50 Hz
 - ☐ 4. 100 Hz

Question ID : 7773932109
Status : **Answered**
Chosen Option : 2

Q.31 A half wave rectifier is supplied through 230 V, 50 Hz supply. The output frequency is

- Ans**
- ☒ 1. 50 Hz
 - ☐ 2. 75 Hz
 - ☐ 3. 150 Hz
 - ☐ 4. 100 Hz

Question ID : 7773932163
Status : **Answered**
Chosen Option : 4

Q.32 A reactive power of 100 vars is drawn by a 10 μ F capacitor due to a current of 2 A. Calculate the capacitive reactance.

- Ans**
- ☐ 1. 50 Ω
 - ☐ 2. 10 Ω
 - ☐ 3. 5 Ω
 - ☒ 4. 25 Ω

Question ID : 7773932113
Status : **Not Answered**
Chosen Option : --

Q.33 In a two winding transformer, the HV and LV sides are

- Ans**
- ☐ 1. Electrically as well as magnetically isolated
 - ☒ 2. Electrically isolated and magnetically coupled
 - ☐ 3. Electrically as well as magnetically coupled
 - ☐ 4. Electrically coupled and magnetically isolated

Question ID : 7773932118
Status : **Answered**
Chosen Option : 2

Q.34 Which of the following is NOT an internal cause of overvoltage in power system?

- Ans**
- ☐ 1. Resonance
 - ☒ 2. Lightening
 - ☐ 3. Insulation failure
 - ☐ 4. Switching surges

Question ID : 7773932141
Status : Answered
Chosen Option : 2

Q.35 Simplification of $Y = (AB + AB + AC + B + BC)$ is

- Ans**
- ☒ 1. $Y = B + AC$
 - ☐ 2. $Y = C + AB$
 - ☐ 3. $Y = A + BC$
 - ☐ 4. $Y = A + B + C$

Question ID : 7773932160
Status : Answered
Chosen Option : 1

Q.36 Five capacitors, each one having the value of $10\ \mu\text{F}$, are connected in series. The equivalent capacitance of the series connection is _____

- Ans**
- ☐ 1. $20\ \mu\text{F}$
 - ☐ 2. $5\ \mu\text{F}$
 - ☒ 3. $2\ \mu\text{F}$
 - ☐ 4. $50\ \mu\text{F}$

Question ID : 7773932148
Status : Answered
Chosen Option : 3

Q.37 Which of the following is WRONG for digital volt meter?

- Ans**
- ☐ 1. Compact size
 - ☐ 2. Reading can be taken fast
 - ☐ 3. No parallax error
 - ☒ 4. Low accuracy

Question ID : 7773932116
Status : Answered
Chosen Option : 4

Q.38 A resistor is rated for 100 Ω , 1 watt. Determine its maximum current rating.

- Ans
- ☐ 1. 10 mA
 - ☐ 2. 1 mA
 - ☒ 3. 100 mA
 - ☐ 4. 0.1 mA

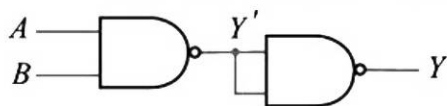
Question ID : 7773932150
Status : Answered
Chosen Option : 4

Q.39 Which of the following is the type of most commonly used lightening arrester?

- Ans
- ☐ 1. Horn gap
 - ☐ 2. Rod gap
 - ☒ 3. Thyrite
 - ☐ 4. Multi gap

Question ID : 7773932142
Status : Answered
Chosen Option : 3

Q.40 Following circuit is the representation of _____ gate, using NAND gates.



- Ans
- ☐ 1. OR
 - ☒ 2. AND
 - ☐ 3. EX-OR
 - ☐ 4. NOR

Question ID : 7773932158
Status : Not Answered
Chosen Option : --

Q.41 In coal fired thermal power plant, the electrostatic precipitator is used for

- Ans
- ☒ 1. Ash removal from flue gases
 - ☐ 2. Heating of raw coal
 - ☐ 3. Heating of feed water
 - ☐ 4. Generation of electricity

Question ID : 7773932170
Status : Answered
Chosen Option : 1

Q.42 Recommended illumination level for the class room in school is _____

- Ans
- ☐ 1. 75 lux
 - ☐ 2. 100 lux
 - ☐ 3. 50 lux
 - ☒ 4. 250 lux

Question ID : 7773932166
Status : **Not Answered**
Chosen Option : --

Q.43 Decimal equivalent number of the binary number $(10101010)_2$ is

- Ans
- ☐ 1. 150
 - ☐ 2. 160
 - ☐ 3. 140
 - ☒ 4. 170

Question ID : 7773932156
Status : **Answered**
Chosen Option : 4

Q.44 In isolation transformer the turn ratio is _____

- Ans
- ☒ 1. Equal to 1
 - ☐ 2. Less than 1
 - ☐ 3. Equal to zero
 - ☐ 4. Greater than 1

Question ID : 7773932125
Status : **Answered**
Chosen Option : 3

Q.45 The major part on investment on secondary distribution is made on _____

- Ans
- ☐ 1. Conductors
 - ☒ 2. Distribution transformer
 - ☐ 3. Layout drawings
 - ☐ 4. Pole fittings

Question ID : 7773932137
Status : **Answered**
Chosen Option : 2

Q.46 In RC series circuit, $R = 30 \Omega$, $X_C = 40 \Omega$. Find the power factor.

- Ans
- ☐ 1. 0.50
 - ☐ 2. 0.85
 - ☐ 3. 0.75
 - ☒ 4. 0.60

Question ID : 7773932114
Status : Answered
Chosen Option : 4

Q.47 In domestic building, the rating of exhaust fan is estimated as _____

- Ans
- ☐ 1. 250 W
 - ☐ 2. 50 W
 - ☐ 3. 25 W
 - ☒ 4. 100 W

Question ID : 7773932167
Status : Answered
Chosen Option : 3

Q.48 Which of the following is CORRECT, for a salient pole synchronous machine

(usual symbols are used):

- Ans
- ☐ 1. $x_q = x_d$
 - ☒ 2. $x_q < x_d$
 - ☐ 3. $x_q + x_d = 0$
 - ☐ 4. $x_q > x_d$

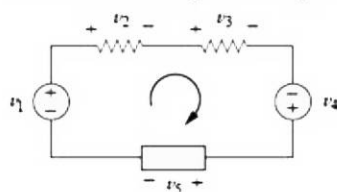
Question ID : 7773932132
Status : Not Answered
Chosen Option : --

Q.49 The algebraic sum of currents entering a node on a closed boundary is zero. This is the statement of

- Ans
- ☐ 1. Kirchhoff's voltage law
 - ☐ 2. Kelvin's law
 - ☐ 3. Ohm's law
 - ☒ 4. Kirchhoff's current law

Question ID : 7773932101
Status : Answered
Chosen Option : 4

Q.50 Which of the given equation is correct for following circuit:



- Ans
- ☒ 1. $V_1 - V_2 + V_3 = V_4 + V_5$
 - ☒ 2. $V_1 - V_2 + V_3 + V_4 + V_5 = 0$
 - ☒ 3. $V_1 - V_4 = V_2 + V_3 + V_5$
 - ☒ 4. $V_1 - V_4 + V_5 = V_2 + V_3$

Question ID : 7773932102

Status : **Not Answered**

Chosen Option : --

Q.51 Which of the following motor can be conveniently operated at leading as well as lagging power factors?

- Ans
- ☒ 1. Synchronous motor
 - ☒ 2. DC shunt motor
 - ☒ 3. Differentially compound DC motor
 - ☒ 4. Induction motor

Question ID : 7773932131

Status : **Answered**

Chosen Option : 4

Q.52 Which of the following is NOT a diamagnetic material?

- Ans
- ☒ 1. Wood
 - ☒ 2. graphite
 - ☒ 3. Platinum
 - ☒ 4. Glass

Question ID : 7773932106

Status : **Answered**

Chosen Option : 1

Q.53 Which of the following is NOT a valid Advantage of AC over DC?

- Ans
- ☒ 1. Negligible corona loss
 - ☐ 2. Higher efficiency
 - ☐ 3. Cheaper to generate
 - ☐ 4. Easy to generate

Question ID : 7773932110
Status : Answered
Chosen Option : 1

Q.54 Number of brushes required in a squirrel cage rotor are _____

- Ans
- ☐ 1. 1
 - ☐ 2. 3
 - ☒ 3. 0
 - ☐ 4. 2

Question ID : 7773932121
Status : Answered
Chosen Option : 4

Q.55 State TRUE FALSE for following statements:

1. For any transmission line, $AD - BC = 1$.
2. In short transmission lines, the effects of capacitance are neglected.

- Ans
- ☒ 1. True, True
 - ☐ 2. True, False
 - ☐ 3. False, False
 - ☐ 4. False, True

Question ID : 7773932139
Status : Answered
Chosen Option : 1

Q.56 A 10 μF capacitor is connected to a 200V, 50 Hz supply. Find the current taken.

- Ans
- ☒ 1. $\frac{\pi}{5}$ A
 - ☐ 2. $\frac{2\pi}{5}$ A
 - ☐ 3. $\frac{\pi}{2}$ A
 - ☐ 4. $\frac{\pi}{3}$ A

Question ID : 7773932112
Status : Not Answered
Chosen Option : --

Q.57 _____ method cannot be used for controlling the speed of squirrel cage induction motor.

- Ans
- ☐ 1. Stator frequency
 - ☒ 2. Rotor resistance control
 - ☐ 3. V/f control
 - ☐ 4. Stator voltage control

Question ID : 7773932155
Status : Not Answered
Chosen Option : --

Q.58 _____ is the best choice as a magnetic core in electromagnets.

- Ans
- ☒ 1. Soft iron
 - ☐ 2. Wood
 - ☐ 3. copper
 - ☐ 4. Hard steel

Question ID : 7773932107
Status : Answered
Chosen Option : 1

Q.59 Which of the following statement is TRUE for DC motor operating in regenerative braking mode?

- Ans
- ☐ 1. Motor runs at very slow speed
 - ☒ 2. Motor runs as generator
 - ☐ 3. Motor reverses the direction
 - ☐ 4. Motor runs as free rotating shaft

Question ID : 7773932127
Status : Not Answered
Chosen Option : --

Q.60 Which of the following type of instruments provide best accuracy?

- Ans
- ☒ 1. Moving coil instrument
 - ☐ 2. Thermocouple type instrument
 - ☐ 3. Rectifier type moving coil instrument
 - ☐ 4. Moving iron instrument

Question ID : 7773932117
Status : Answered
Chosen Option : 1

Q.61 One time constant is that time in seconds required for a completely discharged capacitor to charge _____ of the source voltage.

- Ans
- ☒ 1. 63 %
 - ☐ 2. 37 %
 - ☐ 3. 83 %
 - ☐ 4. 50 %

Question ID : 7773932115
Status : Not Answered
Chosen Option : --

Q.62 Which of the following metal is not present in Mumetal?

- Ans
- ☒ 1. Magnesium
 - ☐ 2. Nickel
 - ☐ 3. Copper
 - ☐ 4. Iron

Question ID : 7773932108
Status : Answered
Chosen Option : 2

Q.63 Which of the following losses are not included in stray losses?

- Ans
- ☐ 1. Eddy current losses
 - ☐ 2. Hysteresis losses
 - ☒ 3. Armature Cu losses
 - ☐ 4. Frictional losses

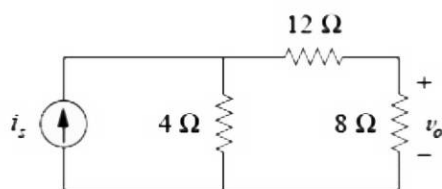
Question ID : 7773932128
Status : Answered
Chosen Option : 4

Q.64 Which of the following is NOT a type of power factor tariff?

- Ans
- ☐ 1. kVA Maximum demand tariff
 - ☐ 2. kW and kVAR tariff
 - ☐ 3. Sliding scale tariff
 - ☒ 4. Three part tariff

Question ID : 7773932140
Status : Not Answered
Chosen Option : --

Q.65 Find V_o when I_S is 30 A.



- Ans
- ☒ 1. 40 V
 - ☐ 2. 30 V
 - ☐ 3. 50 V
 - ☐ 4. 20 V

Question ID : 7773932103
Status : Not Answered
Chosen Option : --

Q.66 Which of the following is NOT a part of Nuclear power plant?

- Ans
- ☐ 1. Control rod
 - ☐ 2. Nuclear reactor
 - ☐ 3. Condenser
 - ☒ 4. Penstocks

Question ID : 7773932135
Status : Answered
Chosen Option : 4

Q.67 State TRUE/FALSE for following statements:

1. The demand factor is always greater than 1.
2. The diversity factor is always less than 1.

- Ans
- ☐ 1. True, True
 - ☒ 2. False, False
 - ☐ 3. True, False
 - ☐ 4. False, True

Question ID : 7773932143
Status : Answered
Chosen Option : 1

Q.68 For a single stage transistor amplifier, the collector load $R_C = 2 \text{ k}\Omega$ and the input resistance $R_i = 1 \text{ k}\Omega$. If the current gain is 50, calculate the voltage gain of the amplifier.

- Ans
- ☐ 1. 50
 - ☐ 2. 200
 - ☐ 3. 150
 - ☒ 4. 100

Question ID : 7773932165
Status : Not Answered
Chosen Option : --

Q.69 Efficiency of the incandescent lamp is of the order of

- Ans
- ☐ 1. 70 lm/W
 - ☐ 2. 60 lm/W
 - ☐ 3. 40 lm/W
 - ☒ 4. 10 lm/W

Question ID : 7773932154
Status : Answered
Chosen Option : 3

Q.70 Which of the following is NOT an application of dielectric heating?

- Ans
- ☐ 1. Wood gluing
 - ☐ 2. Preheating of plastic
 - ☒ 3. Surface Hardening
 - ☐ 4. Electronic sewing

Question ID : 7773932153
Status : Answered
Chosen Option : 1

Q.1 The custom of langar introduced by Shri Guru Nanak Dev ji. It was further decreed by _____ that no one could meet the guru until and unless he/she sat for langar.

- Ans**
- ☐ 1. Guru Ram Das
 - ☐ 2. Guru Gobind Singh
 - ☐ 3. Guru Teg Bahadur
 - ☒ 4. Guru Amar Das

Question ID : 7773932174
Status : Answered
Chosen Option : 4

Q.2 In which of the following states BJP has never won assembly elections as single largest party?

- Ans**
- ☐ 1. Manipur
 - ☐ 2. Haryana
 - ☒ 3. Punjab
 - ☐ 4. Assam

Question ID : 7773932173
Status : Not Answered
Chosen Option : --

Q.3 India became the second-largest producer of crude steel as per World Steel Association data 2020. Before this, which country was the second-largest producer of crude steel?

- Ans**
- ☐ 1. Brazil
 - ☒ 2. Japan
 - ☐ 3. USA
 - ☐ 4. China

Question ID : 7773932176
Status : Answered
Chosen Option : 2

Q.4 Who is the current (September 2021) finance minister of India?

- Ans**
- ☐ 1. Arun Jaitly
 - ☐ 2. Raj Nath Singh
 - ☐ 3. Anurag Thakur
 - ☒ 4. Nirmala sitharaman

Question ID : 7773932172
Status : Answered
Chosen Option : 4

Q.5 Ahilyabai holkar was the daughter in law of ____.

- Ans**
- ☒ 1. Khanderao
 - ☒ 2. Baji Rao
 - ☒ 3. Malhar Rao
 - ☒ 4. Tukuji Rao

Question ID : 7773932175
Status : Not Answered
Chosen Option : --

Q.6 Which one of the following is defined as "the ratio of liquid assets to net demand and time liabilities"?

- Ans**
- ☒ 1. Asset-liability ratio
 - ☒ 2. Statutory Liquidity Ratio
 - ☒ 3. Cash-debt ratio
 - ☒ 4. Cash Reserve Ratio

Question ID : 7773932177
Status : Not Answered
Chosen Option : --

Q.7 During summer olympics 2020 held from July 23 to August 2021, Which of the following is not a medal winner?

- Ans**
- ☒ 1. Lovlina Borgohain
 - ☒ 2. Saina Nehwal
 - ☒ 3. PV Sindhu
 - ☒ 4. Mirabai Chanu

Question ID : 7773932171
Status : Answered
Chosen Option : 2

Q.8 Who among the following has won noble prize for their interpretation of the genetic code and its function in protein synthesis?

- Ans**
- ☒ 1. Subrahmanyam Chandrasekhar
 - ☒ 2. Venki Ramakrishnan
 - ☒ 3. Har Gobind Khorana
 - ☒ 4. C. V. Raman

Question ID : 7773932178
Status : Not Answered
Chosen Option : --

Q.9 is the RBI governor from December 2018 to till now (September 2021).

- Ans
- ☐ 1. Dr. Urjit R. Patel
 - ☐ 2. Dr. Raghuram G. Rajan
 - ☐ 3. Dr.Y.V.Reddy
 - ☒ 4. Shaktikanta Das

Question ID : 7773932180
Status : Answered
Chosen Option : 1

Q.10 Which of the following is not among six head streams of Ganga?

- Ans
- ☐ 1. Dhauliganga
 - ☒ 2. Satluj
 - ☐ 3. Mandakini
 - ☐ 4. Pindar

Question ID : 7773932179
Status : Not Answered
Chosen Option : --

Section : Reasoning

Q.1 Which is the wrong term in the given series?

19, 36, 54, 73, 95, 114

- Ans
- ☐ 1. 114
 - ☐ 2. 73
 - ☐ 3. 54
 - ☒ 4. 95

Question ID : 7773932187
Status : Answered
Chosen Option : 4

Q.2 Select the option that will correctly replace the question mark (?) and complete the series.

347, 356, 374, 401, 437, ?

- Ans
- ☒ 1. 482
 - ☐ 2. 477
 - ☐ 3. 464
 - ☐ 4. 488

Question ID : 7773932183
Status : Answered
Chosen Option : 1

Q.3 Which is the wrong term in the given series?

17, 49, 81, 115, 145, 177

- Ans
- ☒ 1. 81
 - ☐ 2. 115
 - ☒ 3. 145
 - ☒ 4. 177

Question ID : 7773932188
Status : Answered
Chosen Option : 3

Q.4 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 :6 12 3 9 11 7 8

Step I :3 6 12 9 11 7 8

Step II :3 6 7 12 9 11 8

Step III :3 6 7 8 12 9 11

Step IV :3 6 7 8 9 12 11

Step IV : 3 6 7 8 9 11 12

Study the above arrangement carefully and then answer the following question:

Which of the following will be the third step of input below:

Input :12 17 15 19 34 21 16

- Ans
- ☒ 1. 12 15 16 17 19 34 21
 - ☒ 2. 12 15 17 19 34 21 16
 - ☒ 3. 12 15 17 34 21 16 19
 - ☐ 4. 12 15 16 17 19 21 34

Question ID : 7773932185
Status : Not Answered
Chosen Option : --

Q.5 What was the day of week on 15th August 2018?

- Ans
- ☒ 1. Saturday
 - ☒ 2. Monday
 - ☒ 3. Sunday
 - ☐ 4. Wednesday

Question ID : 7773932189
Status : Answered
Chosen Option : 4

Q.6 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 D?

- Ans
- ☒ 1. C
 - ☒ 2. E
 - ☐ 3. F
 - ☒ 4. A

Question ID : 7773932182
Status : Not Answered
Chosen Option : --

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

323, 324, 328, 337, 353, ?

- Ans**
- ☒ 1. 417
 - ☒ 2. 398
 - ☒ 3. 378
 - ☒ 4. 387

Question ID : 7773932190

Status : **Answered**

Chosen Option : 3

Q.8 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 hens are cats.**
- B. All rats are cats.**

Conclusions:

- I. All cats are hens.**
- II. All cats are rats.**

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

Question ID : 7773932181

Status : **Answered**

Chosen Option : 4

Q.9 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: City A is much polluted due to smog and rain.

Conclusions:

- I. Smog is cause of death.**
- II. Due to cold its raining.**

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

Question ID : 7773932186

Status : **Not Answered**

Chosen Option : --

Q.10 What was the day of week on 15th August 2019?

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

Question ID : 7773932184
Status : Answered
Chosen Option : 3

Section : General English

Q.1 Select the most appropriate option to replace the under lined word/s.

They were lucky to be allowed to go.

- Ans
- ☐ 1. Let go
 - ☐ 2. Let out
 - ☐ 3. Let in
 - ☒ 4. Let off

Question ID : 7773932199
Status : Not Answered
Chosen Option : --

Q.2 Select the most appropriate antonym of the given word.

sustained

- Ans
- ☐ 1. Perennial
 - ☐ 2. continuous
 - ☐ 3. abiding
 - ☒ 4. intermittent

Question ID : 7773932196
Status : Answered
Chosen Option : 2

Q.3 Choose the option that is the passive form of the sentence.

The author has autographed several copies of her latest book.

- Ans
- ☐ 1. Several copies of her book will be autographed by the author.
 - ☐ 2. Several copies of her book are autographed by the author.
 - ☐ 3. Several copies of her book are being autographed by the author.
 - ☒ 4. Several copies of her book have been autographed by the author.

Question ID : 7773932193
Status : Not Answered
Chosen Option : --

Q.4 Select the alternative that will improve the underlined part of the sentence in case there is no improvement select "No improvement"

Village libraries can help address rural isolation by providing access to information.

- Ans**
- ☒ 1. No improvement
 - ☐ 2. with rendering
 - ☐ 3. By serving
 - ☐ 4. with depleting

Question ID : 7773932195
Status : Not Answered
Chosen Option : --

Q.5 Identify the segment in the sentence, which contains the grammatical error.

At my three days visit to my uncle's farm, I met many interesting people.

- Ans**
- ☐ 1. I met many
 - ☐ 2. visit to my uncle's farm,
 - ☒ 3. At my three days
 - ☐ 4. interesting people.

Question ID : 7773932192
Status : Not Answered
Chosen Option : --

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

apparent

- Ans**
- ☐ 1. probable
 - ☐ 2. manifest
 - ☒ 3. obscure
 - ☐ 4. obvious

Question ID : 7773932200
Status : Not Answered
Chosen Option : --

Q.7 Identify the segment in the sentence, which contains the grammatical error.

We were fascinated to see the intricate woven colorful carpets.

- Ans**
- ☐ 1. colorful carpets.
 - ☐ 2. We were
 - ☐ 3. fascinated to see
 - ☒ 4. the intricate woven

Question ID : 7773932191
Status : Not Answered
Chosen Option : --

Q.8 Choose the option that is the active form of the sentence.

The fighter jet was flown by Squadron leader Atul Bakshi.

- Ans**
- ☐ 1. Squadron leader Atul Bakshi flies the fighter jet.
 - ☐ 2. Squadron leader Atul Bakshi was flying the fighter jet.
 - ☐ 3. Squadron leader Atul Bakshi is flying the fighter jet.
 - ☒ 4. Squadron leader Atul Bakshi flew the fighter jet.

Question ID : 7773932194
Status : **Not Answered**
Chosen Option : --

Q.9 Select the word which means the same as the group of words given.

That which (specially a disease) persists for a long time.

- Ans**
- ☐ 1. endemic
 - ☒ 2. chronic
 - ☐ 3. chronological
 - ☐ 4. eternal

Question ID : 7773932197
Status : **Not Answered**
Chosen Option : --

Q.10 Select the option that is correct spelling.

- Ans**
- ☐ 1. sufficient
 - ☒ 2. suffice
 - ☐ 3. sufuse
 - ☐ 4. Sulfer

Question ID : 7773932198
Status : **Answered**
Chosen Option : 1