

PSPCL JE EE

2019 Shift 2

Section : Discipline

Q.1 Which of the following type of DC generator is most suitable as booster?

- Ans ☒ 1. Series generator
☒ 2. Shunt generator
☒ 3. Compound generator
☒ 4. Separately excited generator

Question ID : 99836760942

Status : Answered

Chosen Option : 1

Q.2 A magnetising force of 800 AT/m will produce a flux density of _____ in air.

- Ans ☒ 1. 1 Wb/m²
☒ 2. 1 mWb/m²
☒ 3. 10 mWb/m²
☒ 4. 0.5 Wb/m²

Question ID : 99836760913

Status : Answered

Chosen Option : 2

Q.3 The function of steel wire in ACSR conductor is to:

- Ans ☒ 1. compensation for skin effect
☒ 2. reduce inductance
☒ 3. take care of surges
☒ 4. provide additional mechanical strength

Question ID : 99836760917

Status : Answered

Chosen Option : 4

Q.4 Buchholz relay is essential for protection against transformer's _____.

- Ans ☒ 1. inner-turn fault
☒ 2. HT and LT fault
☒ 3. earth-fault

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☒ 4. series fault

Question ID : 99836760923
Status : Answered
Chosen Option : 1

Q.5 The direction of rotation of a DC motor can be determined by:

- Ans ☒ 1. Ampere's law
☒ 2. Fleming's left hand rule
☒ 3. Fleming's right hand rule
☒ 4. Lenz's law

Question ID : 99836760939
Status : Answered
Chosen Option : 2

Q.6 Merz price protection scheme is the one from:

- Ans ☒ 1. differential protection
☒ 2. over current protection
☒ 3. earth fault protection
☒ 4. distance protection

Question ID : 99836760922
Status : Answered
Chosen Option : 1

Q.7 The damping torque in a moving coil instrument is caused by:

- Ans ☒ 1. eddy current
☒ 2. gravity friction
☒ 3. fluid friction
☒ 4. copper losses

Question ID : 99836760948
Status : Answered
Chosen Option : 1

Q.8 The cross-sectional area of conductor for house wiring is usually expressed as:

- Ans ☒ 1. hz
☒ 2. mm
☒ 3. mm²
☒ 4. cm

Question ID : 99836760953
Status : Answered
Chosen Option : 3

Q.9 Trash rack, forebay, surge tank, spill way are the terms involved with:

- Ans ☒ 1. nuclear power plant
☒ 2. thermal power plant

- ☒ 3. wind turbine based power plant
- ☒ 4. hydroelectric power plant

Question ID : 99836760928
Status : Answered
Chosen Option : 4

Q.10 In which of the following looping constructs of the 'C' language, the body of the loop is executed at least once?

- Ans
- ☒ 1. while construct
 - ☒ 2. for construct
 - ☒ 3. Both 'for' and 'while' constructs
 - ☒ 4. do-while construct

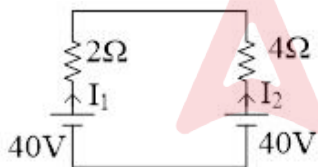
Question ID : 99836760966
Status : Not Answered
Chosen Option : --

Q.11 In IP Class-C addresses, the three higher order bits of the first octet are set to:

- Ans
- ☒ 1. 010
 - ☒ 2. 101
 - ☒ 3. 110
 - ☒ 4. 100

Question ID : 99836760957
Status : Not Answered
Chosen Option : --

Q.12 Which of the following options is true for the given circuit?



- Ans
- ☒ 1. $I_1 = -2I_2$
 - ☒ 2. $I_2 > I_1$
 - ☒ 3. $I_1 = 2I_2$
 - ☒ 4. No current in the loop

Question ID : 99836760911
Status : Answered
Chosen Option : 4

Q.13 An over excited synchronous motor at no load acts as:

- Ans
- ☒ 1. capacitor
 - ☒ 2. inductor
 - ☒ 3. transformer
 - ☒ 4. resistor

Question ID : 99836760932
Status : Answered
Chosen Option : 1

Q.14 The World Wide Web was invented by:

- Ans
- ☒ 1. Larry Page
 - ☒ 2. Bill Gates
 - ☒ 3. Tim Berners-Lee
 - ☒ 4. Donald Knuth

Question ID : 99836760956
Status : Not Answered
Chosen Option : --

Q.15 Magnetising impedance of a transformer is determined by:

- Ans
- ☒ 1. other than these tests
 - ☒ 2. open circuit test
 - ☒ 3. short circuit test
 - ☒ 4. both open circuit and short circuit test

Question ID : 99836760938
Status : Answered
Chosen Option : 2

Q.16 Fuse wire is connected:

- Ans
- ☒ 1. in series with neutral wire
 - ☒ 2. in series with phase wire
 - ☒ 3. in parallel with phase wire
 - ☒ 4. in parallel with neutral wire

Question ID : 99836760952
Status : Answered
Chosen Option : 2

Q.17 The D-type flip-flop is a modified SR flip-flop with the addition of an inverter. What does the letter 'D' mean?

- Ans
- ☒ 1. Delay
 - ☒ 2. Detect
 - ☒ 3. Distributed
 - ☒ 4. Diverted

Question ID : 99836760974
Status : Answered
Chosen Option : 1

Q.18 The following difficulty of radial system can be overcome by ring system.

- Ans
- ☒ 1. Higher length of the conductor
 - ☒ 2. Voltage is affected much at far away load from the substation

- ☒ 3. Feeder is connected to the supply from both end
- ☒ 4. High cost of the radial system

Question ID : 99836760919
Status : Answered
Chosen Option : 3

Q.19 The current in the inductive circuit is 10 A and power factor is 0.866. The phasor representation of current is:

- Ans
- ☒ 1. $10 \angle -30^\circ$
 - ☒ 2. $10 \angle 30^\circ$
 - ☒ 3. $10 \angle 0.866$
 - ☒ 4. $5 \angle -30^\circ$

Question ID : 99836760909
Status : Answered
Chosen Option : 2

Q.20 Voltage regulation due to Ferranti effect may be:

- Ans
- ☒ 1. All of the other options
 - ☒ 2. negative
 - ☒ 3. zero
 - ☒ 4. positive

Question ID : 99836760925
Status : Answered
Chosen Option : 4

Q.21 The condition for maximum efficiency of a transformer is that:

- Ans
- ☒ 1. core losses are zero
 - ☒ 2. copper losses are zero
 - ☒ 3. copper losses are twice the core losses
 - ☒ 4. copper losses are equal to iron losses

Question ID : 99836760936
Status : Answered
Chosen Option : 4

Q.22 If the current through a coil having an inductance of 0.5 H is reduced from 5 A to 2 A in 0.05 s, calculate the mean value of the EMF induced in the coil.

- Ans
- ☒ 1. -15 V
 - ☒ 2. -30 V
 - ☒ 3. -60 V
 - ☒ 4. -10 V

Question ID : 99836760914
Status : Answered
Chosen Option : 2

Q.23 A megger is an instrument that gives the reading in:

- Ans
- ☒ 1. volt
 - ☒ 2. ohm
 - ☒ 3. henry
 - ☒ 4. ampere

Question ID : 99836760947
Status : Answered
Chosen Option : 4

Q.24 Which of the following is a client-server protocol for transmitting files between computers on the Internet over TCP/IP connections?

- Ans
- ☒ 1. HTTPS
 - ☒ 2. HTTP
 - ☒ 3. FTP
 - ☒ 4. SMTP

Question ID : 99836760962
Status : Not Answered
Chosen Option : --

Q.25 A 3 phase induction motor runs at almost 1000 rpm at no load and 950 rpm at full load when supplied with power from a 50 Hz 3 phase line. The frequency of rotor voltage is:

- Ans
- ☒ 1. 2 Hz
 - ☒ 2. 2.5 Hz
 - ☒ 3. 250 Hz
 - ☒ 4. 2.25 Hz

Question ID : 99836760933
Status : Answered
Chosen Option : 2

Q.26 One kilowatt hour of electrical energy is the same as:

- Ans
- ☒ 1. 36×10^5 watt
 - ☒ 2. 36×10^5 ergs
 - ☒ 3. 36×10^5 joules
 - ☒ 4. 36×10^5 B.T.U.

Question ID : 99836760951
Status : Answered
Chosen Option : 3

Q.27 The CRT display is made up of small picture elements called pixels. The _____ the pixels, the _____ the image clarity or resolution of the display.

- Ans
- ☒ 1. smaller, better
 - ☒ 2. smaller, poorer
 - ☒ 3. larger, better
 - ☒ 4. larger, poorer

Question ID : 99836760961

Status : **Answered**
Chosen Option : 3

Q.28 If the flux of a DC motor approaches zero, its speed will:

- Ans ☒ 1. approach infinity
☐ 2. approach zero
☐ 3. remain unchanged
☐ 4. be between zero and infinity

Question ID : 99836760940
Status : **Answered**
Chosen Option : 1

Q.29 In an R-L-C series circuit, at resonance frequency, the voltage across the resistance is:

- Ans ☐ 1. much lower than applied voltage
☒ 2. equal to applied voltage
☐ 3. function of value of inductance
☐ 4. much higher than applied voltage

Question ID : 99836760915
Status : **Answered**
Chosen Option : 4

Q.30 The generation of hydroelectric power does not depend on:

- Ans ☐ 1. specific weight of the water
☐ 2. rate of the flow of water
☐ 3. height of water head
☒ 4. efficiency of the evaporator

Question ID : 99836760926
Status : **Answered**
Chosen Option : 4

Q.31 Which of the following CPU registers contains the address of the next instruction to be fetched from the main memory when the previous instruction has been successfully completed?

- Ans ☐ 1. MDR
☐ 2. MAR
☐ 3. Accumulator
☒ 4. Program Counter (PC)

Question ID : 99836760958
Status : **Not Answered**
Chosen Option : --

Q.32 How many different symbols (digits/characters) are used in a base-N number system?

- Ans ☐ 1. $N - 2$
☒ 2. N
☐ 3. $N - 1$

✗ 4. $N + 1$

Question ID : 99836760968
Status : Answered
Chosen Option : 2

Q.33 A generation station has average demand and maximum demand of 48000 kW and 96000 kW respectively. If the plant capacity factor is 0.48, the installed capacity will be:

- Ans
- ✗ 1. 200000 kW
 - ✗ 2. 250000 kW
 - ✗ 3. 200000 kWh
 - ✓ 4. 100000 kW

Question ID : 99836760929
Status : Answered
Chosen Option : 1

Q.34 The net electromotive force around a closed circuit loop is equal to the sum of potential drops around the loop. This law is called as:

- Ans
- ✓ 1. Kirchhoff's second law
 - ✗ 2. Lenz's law
 - ✗ 3. Kirchhoff's first law
 - ✗ 4. Fleming's left hand rule

Question ID : 99836760905
Status : Answered
Chosen Option : 3

Q.35 Which of the following editions of the Windows 7 operating system does NOT have the Aero Glass graphical user interface?

- Ans
- ✗ 1. Enterprise
 - ✗ 2. Professional
 - ✓ 3. Starter
 - ✗ 4. Home Premium

Question ID : 99836760960
Status : Not Answered
Chosen Option : --

Q.36 Which of the following logic gates can be used to implement the functionality of any logic gate?

- Ans
- ✗ 1. XOR
 - ✗ 2. XNOR
 - ✓ 3. NAND
 - ✗ 4. AND

Question ID : 99836760969
Status : Answered
Chosen Option : 3

Q.37 The three resistances of $3\ \Omega$ each are connected in delta. Their value in each branch of

equivalent star connection will be:

- Ans
- ☒ 1. 6Ω
 - ☒ 2. 1Ω
 - ☒ 3. 9Ω
 - ☒ 4. 3Ω

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Question ID : 99836760908
Status : Answered
Chosen Option : 2

Q.38 The ratio of the sum of the individual maximum demands to the maximum demand of the whole system under consideration is called as:

- Ans
- ☒ 1. load factor
 - ☒ 2. demand factor
 - ☒ 3. diversity factor
 - ☒ 4. power factor

Question ID : 99836760930
Status : Answered
Chosen Option : 1

Q.39 Which of the following is equivalent to the Boolean function $X'(X'+Y)$?

- Ans
- ☒ 1. X
 - ☒ 2. Y'
 - ☒ 3. Y
 - ☒ 4. X'

Question ID : 99836760971
Status : Answered
Chosen Option : 3

Q.40 The deflecting torque in analog measurement device is:

- Ans
- ☒ 1. proportional to the resistance of the coil
 - ☒ 2. proportional to the current through the coil
 - ☒ 3. inversely proportional to flux density
 - ☒ 4. inversely proportional to the current through the coil

Question ID : 99836760949
Status : Answered
Chosen Option : 2

Q.41 A group of related web pages form a:

- Ans
- ☒ 1. proxy server
 - ☒ 2. web server
 - ☒ 3. website
 - ☒ 4. home page

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Question ID : 99836760955
Status : Answered

Chosen Option : 3

Q.42 A Mho relay is a:

- Ans
- ☒ 1. voltage controlled directional relay
 - ☐ 2. directional restrained over current relay
 - ☐ 3. voltage controlled over current relay
 - ☐ 4. directional restrained over voltage relay

Question ID : 99836760924

Status : Answered

Chosen Option : 1

Q.43 A resistance, an inductance and a capacitance are connected in series. The values of R , X_L and X_C are $20\ \Omega$, $30\ \Omega$ and $10\ \Omega$ respectively. The net reactance of the circuit is:

- Ans
- ☒ 1. $20\ \Omega$
 - ☐ 2. $10\ \Omega$
 - ☐ 3. $78.28\ \Omega$
 - ☐ 4. zero

Question ID : 99836760910

Status : Answered

Chosen Option : 3

Q.44 Which of the following is a valid identifier name as per the naming rules of the 'C' language?

- Ans
- ☐ 1. 45 USD
 - ☐ 2. Final-Examination
 - ☒ 3. Reminder 4
 - ☐ 4. 45 Percent

Question ID : 99836760965

Status : Not Answered

Chosen Option : --

Q.45 Which of the following logic gates provides output as 1 when both inputs are different?

- Ans
- ☐ 1. AND
 - ☒ 2. XOR
 - ☐ 3. XNOR
 - ☐ 4. NOR

Question ID : 99836760970

Status : Answered

Chosen Option : 3

Q.46 Two resistors of $40\ \Omega$ and $40\ \Omega$ are connected in series. A wire of negligible resistance is connected in shunt across the combination. The effective resistance will be:

- Ans
- ☐ 1. $20\ \Omega$
 - ☐ 2. infinity
 - ☒ 3. zero

☒ 4. $80\ \Omega$

Question ID : 99836760907
Status : Answered
Chosen Option : 4

Q.47 Energy meter is a/an:

- Ans ☒ 1. integrating instrument
☒ 2. recording instrument
☒ 3. absolute instrument
☒ 4. indicating instrument

Question ID : 99836760945
Status : Answered
Chosen Option : 1

Q.48 It is advisable to start a DC series motor with some load to:

- Ans ☒ 1. avoid sparking
☒ 2. limit the speed
☒ 3. limit the flux
☒ 4. limit the current

Question ID : 99836760941
Status : Answered
Chosen Option : 2

Q.49 If a memory has 10 address lines and the size of each addressable location (block) is 4 bytes, then what is the maximum storage capacity of the memory?

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

Question ID : 99836760959
Status : Answered
Chosen Option : 1

Q.50 Which of the following property of an algorithm states that the algorithm must terminate after a certain number of steps?

- Ans ☒ 1. Effectiveness
☒ 2. Input and output
☒ 3. Finiteness
☒ 4. Definiteness

Question ID : 99836760964
Status : Not Answered
Chosen Option : --

Q.51 A galvanometer with a full scale current of 10 mA has a resistance of 1000 Ω . The multiplying power (the ratio of measured current to galvanometer current) of a 100 Ω shunt with this galvanometer is:

- Ans
- ☒ 1. 100
 - ☒ 2. 11
 - ☒ 3. 10
 - ☒ 4. 110

Question ID : 99836760950
Status : Answered
Chosen Option : 2

Q.52 Which of the following statements related to Boolean algebra is FALSE?

- Ans
- ☒ 1. $X.(\bar{X} + 1) = X$
 - ☒ 2. $X.(\bar{X} + \bar{X}Y) = 1$
 - ☒ 3. $X + \bar{X} = 1$
 - ☒ 4. $1 + X = 1$

Question ID : 99836760972
Status : Answered
Chosen Option : 2

Q.53 For the same voltage drop, increasing the voltage of a distributor n-times:

- Ans
- ☒ 1. reduces the cross section of the conductor by n times
 - ☒ 2. increases the x-section of the conductor by n-times
 - ☒ 3. reduces the cross section of the conductor by n^2 times
 - ☒ 4. increases the volume of the conductor

Question ID : 99836760918
Status : Answered
Chosen Option : 3

Q.54 Shunt reactors are needed:

- Ans
- ☒ 1. to bring down receiving end voltage under heavy loads
 - ☒ 2. to bring down receiving end voltage at light loads
 - ☒ 3. to boost receiving end voltage under light load condition
 - ☒ 4. to boost receiving end voltage under heavy loads

Question ID : 99836760921
Status : Answered
Chosen Option : 1

Q.55 A 1 H pure inductor carrying a current of 3 A will store energy of:

- Ans
- ☒ 1. 4.5 J
 - ☒ 2. 9 J
 - ☒ 3. 9 W
 - ☒ 4. 4.5 W

Question ID : 99836760912
Status : Answered
Chosen Option : 1

Q.56 Which of the following statements related to 'C' language is/are FALSE?

- (i) Both 'int' and 'unsigned int' variables can store exactly the same range of values.
(ii) A variable in 'C' language cannot be declared as 'long double'.

- Ans ☒ 1. Both (i) and (ii)
☒ 2. Only (i)
☒ 3. Only (ii)
☒ 4. Neither (i) nor (ii)

Question ID : 99836760967
Status : Not Answered
Chosen Option : --

Q.57 1 kVA, 230 kVA, 50 Hz, single phase transformer has an eddy current loss of 30 W. The eddy current loss when the transformer is excited by a DC source of same voltage will be:

- Ans ☒ 1. zero watt
☒ 2. more than 30 W
☒ 3. 30 W
☒ 4. less than 30 W

Question ID : 99836760937
Status : Answered
Chosen Option : 1

Q.58 In a power transformer, copper losses occur in:

- Ans ☒ 1. bushing
☒ 2. insulating oil
☒ 3. core
☒ 4. windings

Question ID : 99836760935
Status : Answered
Chosen Option : 4

Q.59 An ideal voltage source has:

- Ans ☒ 1. terminal voltage in proportion to load
☒ 2. open circuit voltage equal to the voltage on full load
☒ 3. zero internal resistance
☒ 4. terminal voltage in proportion to current

Question ID : 99836760916
Status : Answered
Chosen Option : 3

Q.60 In a capacitor start motor if C_1 is the capacitance required for best starting torque and C_2 is the capacitance required for best running characteristic then:

- Ans ☒ 1. C_1 approximately equal to C_2
☒ 2. C_1 is equal to C_2
☒ 3. C_1 is much smaller than C_2

✓ 4. C_1 is much larger than C_2

Question ID : 99836760943

Status : Answered

Chosen Option : 3

Q.61 In earthing, salt, charcoal etc. are mixed with soil to:

Ans

- ✗ 1. increase the permeability of the soil
- ✗ 2. increase the inductive property of the soil
- ✗ 3. increase the resistivity of the soil
- ✓ 4. decrease the resistivity of the soil

Question ID : 99836760954

Status : Answered

Chosen Option : 4

Q.62 A line which connects a distributor to the customer's load point is called:

Ans

- ✗ 1. line
- ✗ 2. feeder
- ✗ 3. distributor
- ✓ 4. service main

Question ID : 99836760920

Status : Answered

Chosen Option : 4

Q.63 Which of the following is a combinational logic circuit designed to switch one of several input lines to a single common output line?

Ans

- ✗ 1. Flip-flop
- ✗ 2. Full adder
- ✓ 3. Multiplexer
- ✗ 4. Demultiplexer

Question ID : 99836760973

Status : Answered

Chosen Option : 4

Q.64 A moving coil gives the full scale deflection with 15 mA and has a resistance of 5 Ω . The value of the resistance in parallel to enable the resistance in parallel to enable the instrument to read up to 1 A.

Ans

- ✗ 1. 0.00076 Ω
- ✓ 2. 0.076 Ω
- ✗ 3. 1.76 Ω
- ✗ 4. 0.0076 Ω

Question ID : 99836760946

Status : Answered

Chosen Option : 2

Q.65 ρ (rho) is called as the:

- Ans
- ☒ 1. conductivity of the material
 - ☒ 2. permeability of the material
 - ☒ 3. permeability of the vacuum
 - ☒ 4. resistivity of the material

Question ID : 99836760906
Status : Answered
Chosen Option : 4

Q.66 The economiser of steam turbine system is located in the:

- Ans
- ☒ 1. turbine circuit
 - ☒ 2. feeding water circuit
 - ☒ 3. coal handling plant
 - ☒ 4. condenser circuit

Question ID : 99836760927
Status : Answered
Chosen Option : 2

Q.67 The AC armature winding of an alternator operates at ____ the field winding voltage.

- Ans
- ☒ 1. much lesser voltage than
 - ☒ 2. the same voltage as
 - ☒ 3. half the voltage of
 - ☒ 4. much higher voltage than

Question ID : 99836760944
Status : Answered
Chosen Option : 4

Q.68 Which of the following high-level languages supports the concepts of class and objects?

- Ans
- ☒ 1. C
 - ☒ 2. COBOL
 - ☒ 3. FORTRAN
 - ☒ 4. C++

Question ID : 99836760963
Status : Answered
Chosen Option : 4

Q.69 3 phase synchronous motor needs:

- Ans
- ☒ 1. 3 phase AC supply only
 - ☒ 2. 3 phase AC supply as well as DC supply
 - ☒ 3. 3 phase AC supply as well as single phase AC supply
 - ☒ 4. DC supply only

Question ID : 99836760931
Status : Answered
Chosen Option : 2

Q.70 A 10 kVA 500/100 V transformer has the resistance referred to primary is 0.3Ω . The equivalent resistance of transformer referred to secondary is:

- Ans
- ☒ 1. 0.10Ω
 - ☒ 2. 7.5Ω
 - ☒ 3. 0.012Ω
 - ☒ 4. 0.21Ω

Question ID : 99836760934
Status : Answered
Chosen Option : 3

Section : General Knowledge

Q.1 In which year did Assam become a constituent state of India?

- Ans
- ☒ 1. 1955
 - ☒ 2. 1960
 - ☒ 3. 1950
 - ☒ 4. 1947

Question ID : 99836760983
Status : Answered
Chosen Option : 2

Q.2 In which year did the National Payments Corporation of India (NPCI) launch the RuPay Card?

- Ans
- ☒ 1. 2014
 - ☒ 2. 2013
 - ☒ 3. 2015
 - ☒ 4. 2012

Question ID : 99836760978
Status : Answered
Chosen Option : 4

Q.3 President's Rule has been imposed on Maharashtra in November 2019. This is the _____ time that Maharashtra has come under the Central Rule.

- Ans
- ☒ 1. third
 - ☒ 2. fifth
 - ☒ 3. fourth
 - ☒ 4. second

Question ID : 99836760979
Status : Marked For Review
Chosen Option : 1

Q.4 In which year did Mizoram attained statehood?

- Ans
- ☒ 1. 1985
 - ☒ 2. 1982
 - ☒ 3. 1980

✓ 4. 1987

Question ID : 99836760975
Status : Not Answered
Chosen Option : --

Q.5 Poson Poya festival is a famous festival of which of the following countries?

- Ans
- ✗ 1. Bhutan
 - ✗ 2. Bangladesh
 - ✓ 3. Sri Lanka
 - ✗ 4. China

Question ID : 99836760976
Status : Not Answered
Chosen Option : --

Q.6 Article 356 of the Indian Constitution is related to which of the following?

- Ans
- ✗ 1. Separation of judiciary from executive
 - ✗ 2. Right of minorities to establish and administer educational institutions
 - ✓ 3. Provisions in case of failure of constitutional machinery in State
 - ✗ 4. Remedies for enforcement of fundamental rights

Question ID : 99836760980
Status : Answered
Chosen Option : 3

Q.7 In August 2019, Chandrima Shaha has been elected as the first woman president of which among the following?

- Ans
- ✗ 1. Indian Institute of Science Education and Research
 - ✗ 2. National Institute of Immunology
 - ✗ 3. Indian Institute of Science
 - ✓ 4. Indian National Science Academy (INSA)

Question ID : 99836760981
Status : Not Answered
Chosen Option : --

Q.8 In which year did Rajyavardhan Singh Rathore win an Olympic silver medal?

- Ans
- ✗ 1. 2008
 - ✓ 2. 2004
 - ✗ 3. 2000
 - ✗ 4. 2012

Question ID : 99836760982
Status : Not Answered
Chosen Option : --

Q.9 Sariska National Park is located in which of the following states?

- Ans
- ✓ 1. Rajasthan

- ☒ 2. Maharashtra
- ☒ 3. Punjab
- ☒ 4. Gujarat

Question ID : 99836760977
Status : Not Answered
Chosen Option : --

Q.10 Sattriya is a dance form of which of the following states?

- Ans
- ☒ 1. Rajasthan
 - ☒ 2. Punjab
 - ☒ 3. Maharashtra
 - ☒ 4. Assam

Question ID : 99836760984
Status : Not Answered
Chosen Option : --

Section : Reasoning

Q.1 Study the given information carefully and answer the question that follows.

Y + Z means 'Y is husband of Z'
Y - Z means 'Y is brother of Z'
Y × Z means 'Y is sister of Z'
Y ÷ Z means 'Y is mother of Z'

If $P + R \div S \times M - K$, then how is R related to K?

- Ans
- ☒ 1. Sister
 - ☒ 2. Daughter
 - ☒ 3. Mother
 - ☒ 4. Paternal grandmother

Question ID : 99836760992
Status : Answered
Chosen Option : 3

Q.2 Select the number that will come next in the following series.

3, 5, 11, 23, 43, 73, ?

- Ans
- ☒ 1. 115
 - ☒ 2. 181
 - ☒ 3. 151
 - ☒ 4. 118

Question ID : 99836760987
Status : Answered
Chosen Option : 3

Q.3 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

49	86	104	211
65	70	88	195
103	74	468	?
87	90	484	542

- Ans
- ☒ 1. 580
 - ☒ 2. 558
 - ☒ 3. 855
 - ☒ 4. 585

Question ID : 99836760988
Status : Not Answered
Chosen Option : --

Q.4 Five engineers H, K, P, R, T are sitting for dinner around a table facing towards the centre (not necessarily in the same order). T is between H and R. P is second to the right of R. H is to the immediate left of T. Who is sitting to the immediate left of K?

- Ans
- ☒ 1. H
 - ☒ 2. P
 - ☒ 3. T
 - ☒ 4. R

Question ID : 99836760991
Status : Answered
Chosen Option : 4

Q.5 How many pairs of letters in the word 'CONTROL' have as many letters between them in the word as in the alphabet?

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

Question ID : 99836760993
Status : Not Answered
Chosen Option : --

Q.6 If the two hands of a clock are 15 minutes apart, then find the angle between them?

- Ans
- ☒ 1. 45 degrees
 - ☒ 2. 30 degrees
 - ☒ 3. 60 degrees
 - ☒ 4. 90 degrees

Question ID : 99836760994
Status : Answered
Chosen Option : 4

Q.7 Study the given information carefully and answer the question that follows.

A + B means 'A is father of B'
A - B means 'A is husband of B'
A × B means 'A is daughter of B'
A ÷ B means 'A is sister of B'

How is P related to N in the Expression

$P + M \div Q \times N \times T - U$.

- Ans ☒ 1. Husband
☐ 2. Uncle
☐ 3. Brother
☐ 4. Son

Question ID : 99836760990

Status : Answered

Chosen Option : 1

Q.8 If Christmas 2019 falls on Wednesday, which day would be the 1st day of 2021?

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

Question ID : 99836760986

Status : Answered

Chosen Option : 2

Q.9 There are five cinema halls in a building near the airport – Hall 1, Hall 2, Hall 3, Hall 4 and Hall 5. Hall 1 is at the bottom, Hall 2 above it and so on. Five movies – P, Q, R, S, and T are displayed in these given halls. Only one movie is displayed in a particular cinema hall. Each movie is displayed only once. Movie T is displayed at an even numbered hall. Movie Q is displayed at Hall 1. Movie P is displayed at the hall just below T. Movie S is not displayed at an even numbered hall. Which of the following statement is NOT correct about Movie R?

- Ans ☒ 1. R is displayed at the odd numbered hall
☐ 2. R is displayed at the even numbered hall
☐ 3. R is displayed at just below P
☐ 4. Q is displayed at just below R

Question ID : 99836760989

Status : Answered

Chosen Option : 1

Q.10 Select the letter that will come next in the following series.

E, G, J, O, V, G, T, ?

- Ans ☐ 1. Z
☐ 2. J
☐ 3. M
☒ 4. K

Question ID : 99836760985

Status : Not Answered

Chosen Option : --

Section : General English

Q.1 Select the most appropriate ANTONYM of the given word.

SECURE

- Ans ☒ 1. Unsafe
☒ 2. Immune
☒ 3. Shielded
☒ 4. Guarded

Question ID : 99836760996

Status : Answered

Chosen Option : 1

Q.2 Select the most appropriate phrasal verb to fill in the blank.

Though he is considered to be a good speaker, this time his speech ____.

- Ans ☒ 1. fell out
☒ 2. fell in
☒ 3. fell off
☒ 4. fell flat

Question ID : 99836760999

Status : Answered

Chosen Option : 3

Q.3 Parts of the following sentence are given as options. Identify the part that has an error.

I do not like people disturb me when I am listening to music.

- Ans ☒ 1. listening to music
☒ 2. when I am
☒ 3. I do not like
☒ 4. people disturb me

Question ID : 99836761004

Status : Answered

Chosen Option : 1

Q.4 Select the most appropriate preposition to fill in the blanks.

The tickets are priced ____ Rs. 300 and are available ____ bookmyshow.com.

- Ans ☒ 1. for; in
☒ 2. at; on
☒ 3. by; in
☒ 4. by; for

Question ID : 99836761002

Status : Answered

Chosen Option : 2

Q.5 Select the most appropriate articles to fill in the blanks.

Proceeds from _____ concert will go to _____ music school's funds towards buying _____ new piano.

- Ans
- ☒ 1. a; the; the
 - ☒ 2. the; the; a
 - ☒ 3. a; a; the
 - ☒ 4. a; a; a

Question ID : 99836761001

Status : Answered

Chosen Option : 2

Q.6 Select the option that can be used as a one-word substitute for the given group of words.

A place which provides care for the terminally ill

- Ans
- ☒ 1. Old age home
 - ☒ 2. Hospice
 - ☒ 3. Hospital
 - ☒ 4. Clinic

Question ID : 99836760998

Status : Answered

Chosen Option : 3

Q.7 Select the most appropriate conjunction to fill in the blanks.

She was _____ sure of herself _____ she did not even rehearse her part in the play.

- Ans
- ☒ 1. as; because
 - ☒ 2. so; that
 - ☒ 3. so; than
 - ☒ 4. not only; but also

Question ID : 99836761003

Status : Answered

Chosen Option : 2

Q.8 Select the most appropriate meaning of the underlined idiom.

To keep telling my boss about my problems is like flogging a dead horse.

- Ans
- ☒ 1. Reviving something
 - ☒ 2. Meaningful efforts
 - ☒ 3. Wasteful efforts
 - ☒ 4. Beating a horse to death

Question ID : 99836760997

Status : Answered

Chosen Option : 3

Q.9 Select the correctly spelt word.

- Ans
- ☒ 1. Cerimonious
 - ☒ 2. Ceremonious

☒ 3. Ceremonuous

☒ 4. Cermonious

Question ID : 99836761000

Status : Answered

Chosen Option : 1

Q.10 Select the most appropriate synonym of the given word.

TRANSITION

Ans ☒ 1. Change

☒ 2. End

☒ 3. Introduction

☒ 4. Stagnation

Question ID : 99836760995

Status : Answered

Chosen Option : 4

