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**UPPCL JE  
25  
November  
2019 Shift 1**



Section : Technical\_Electrical Engineering

Q.1 One lumen per square metre is termed as:

- Ans
- ☒ A. Candle power
  - ☒ B. MHCP
  - ☒ C. One lux
  - ☒ D. MSCP

Question ID : 8970322404

Status : Answered

Chosen Option : 3

Q.2 Which of the following control devices is used to provide protection against accidents by rapidly interrupting dangerous contact voltages that may be present in the faulty electrical equipments as a result of ground faults, insufficient insulation, insulation failure, or misuse and sabotage.

- Ans
- ☒ A. Optical switch
  - ☒ B. Push-button control switch
  - ☒ C. Float switch
  - ☒ D. ELCB

Question ID : 8970322508

Status : Answered

Chosen Option : 4

Q.3 Determine the pitch factor for winding: 36 stator slots, 4-poles, coil span 1 to 8.

- Ans
- ☒ A.  $\cos 20^\circ$
  - ☒ B.  $\cos 40^\circ$
  - ☒ C.  $\cos 30^\circ$
  - ☒ D.  $\cos 80^\circ$

Question ID : 8970322439

Status : Answered

Chosen Option : 1

Q.4 In the case of alternator cooling, a large quantity of air is passed through subslots, which are just below the main slots. Such type of cooling is known as:

Ans

- ☐ A. Closed circuit ventilation
- ☐ B. Radial ventilation
- ☐ C. Multiple inlet system of ventilation
- ☒ D. Axial ventilation

Question ID : 8970322432  
Status : Answered  
Chosen Option : 2

Q.5 A hydroelectric generating station is supplied from a reservoir of capacity 6 million  $m^3$  at a head of 170 m. Determine the potential energy stored in this water.

- Ans
- ☐ A.  $10^{10}$  J
  - ☐ B.  $10^9$  J
  - ☐ C.  $10^8$  J
  - ☒ D.  $10^{12}$  J

Question ID : 8970322470  
Status : Answered  
Chosen Option : 1

Q.6 With respect to damping system in instruments, choose the incorrect statement.

- Ans
- ☒ A. It should always oppose the activating torque
  - ☐ B. Damping system should produce damping torque only when position is in motion
  - ☐ C. Damping torque should be proportional to the velocity of pointer but independent of operating current
  - ☐ D. It must not affect the controlling torque

Question ID : 8970322545  
Status : Not Answered  
Chosen Option : --

Q.7 Which of the following device/system is capable of operating in high temperature with poor power conditions in dusty, dirty, corrosive atmospheres and withstand shock and vibration?

- Ans
- ☐ A. Laptop
  - ☐ B. iPad
  - ☐ C. Personnel computer
  - ☒ D. PLC

Question ID : 8970322444  
Status : Answered  
Chosen Option : 4

Q.8 Which of the following standards has to be followed for drawing electrical installation plan?

- Ans
- ☐ A. IS: 375-1985
  - ☐ B. IS: 675-1955
  - ☐ C. IS: 575-1951

✓ D. IS: 375-1951

Question ID : 8970322492

Status : Not Answered

Chosen Option : --

Q.9 Which of the following statements is not true with regard to the cleat wiring systems?

- Ans
- ✗ A. The inspection, alteration and addition can be made easily
  - ✗ B. The installation and dismantling is easy and thick
  - ✗ C. It is very inexpensive and can be reused
  - ✓ D. It is used for permanent wiring

Question ID : 8970322420

Status : Answered

Chosen Option : 1

Q.10 What is the 1's complement of  $(-01101_2)$ ?

- Ans
- ✗ A.  $01010_2$
  - ✗ B.  $10011_2$
  - ✓ C.  $10010_2$
  - ✗ D.  $01011_2$

Question ID : 8970322525

Status : Answered

Chosen Option : 3

Q.11 There exist three terminals in a relay called C, NO, NC. In an application, it is desired that whenever the relay is active the load must be connected to supply, otherwise the load will be disconnected from supply. Which of the following connection type in relay will provide solution to the stated problem?

- Ans
- ✗ A. Supply to the NC terminal and load to the C terminal
  - ✓ B. Supply to the C terminal and load to the NO terminal
  - ✗ C. Supply to the C terminal and load to the NC terminal
  - ✗ D. Supply to the NC terminal and load to the NO terminal

Question ID : 8970322506

Status : Answered

Chosen Option : 3

Q.12 If the effective mass of the rain =  $M_e$  ton, acceleration =  $\alpha$  km/sec<sup>2</sup>, then the tractive force  $F_a$  is equal to:

- Ans
- ✓ A.  $M_e \times \alpha \times 10^6$  N
  - ✗ B.  $M_e \times \alpha \times 10^3$  N
  - ✗ C.  $M_e \times \alpha \times 10^5$  N
  - ✗ D.  $M_e \times \alpha \times 10^4$  N

Question ID : 8970322410



Q.13 The required properties of traction batteries are:

Ans ☒ A. High volumetric capacity and less service life

☒ B. Low volumetric capacity and long service life

☒ C.

Constant output voltage, high resistance to vibration, and high volumetric and long service life

☒ D. Constant output voltage, low resistance to vibration

Question ID : 8970322466  
Status : **Answered**  
Chosen Option : 3

Q.14 In a moving iron instrument, the deflecting torque is:

Ans ☒ A.  $\propto i$ , where  $i$  is the current through the instrument

☒ B.  $\propto 1/i^2$ , where  $i$  is the current through the instrument

☒ C.  $\propto i^2$ , where  $i$  is the current through the instrument

☒ D.  $\propto 1/i$ , where  $i$  is the current through the instrument

Question ID : 8970322547  
Status : **Answered**  
Chosen Option : 3

Q.15 The cost of conductor material required can be reduced with the reduction in the volume of conduction material. This is possible with an:

Ans ☒ A. increase in the frequency of the supply

☒ B. increase in the transmission current

☒ C. increase in the transmission voltage

☒ D. increase in the transmission power

Question ID : 8970322476  
Status : **Answered**  
Chosen Option : 3

Q.16 Find the decimal equivalent of the 6-bit binary number  $101.101_2$ .

Ans ☒ A.  $5.25_{10}$

☒ B.  $5.125_{10}$

☒ C.  $5.625_{10}$

☒ D.  $6.625_{10}$

Question ID : 8970322530  
Status : **Answered**  
Chosen Option : 3

Q.17 To improve earth resistance for protection which of the following methods is/are used?

- (i) Use longer ground rods
- (ii) Chemically treat the soil
- (iii) Use multiple ground rods

Ans ☒ A. (i) and (ii)  
☒ B. (ii) and (iii)  
☒ C. (ii) only  
☒ D. (i), (ii) and (iii)

Question ID : 8970322427

Status : Answered

Chosen Option : 2

Q.18 Consider the below points:

- (i) Distance between stops
- (ii) acceleration and retardation
- (iii) gradient
- (iv) train resistance

Which of the above factors affect the specific energy consumption in trains?

Ans ☒ A. (i) and (ii) only  
☒ B. (i), (ii), (iii) and (iv)  
☒ C. (ii) and (iii) only  
☒ D. (i), (ii) and (iii) only

Question ID : 8970322409

Status : Answered

Chosen Option : 2

Q.19 The energy stored in a magnetic field of length  $l$  metre and of cross-section  $A$  sq-m is:

Ans ☒ A.  $\frac{1}{2} \times A \frac{N^2}{\mu l} \times I^2$  J  
☒ B.  $\frac{1}{2} \times \mu A \frac{N^2}{l} \times I^2$  J  
☒ C.  $\mu A \frac{N^2}{l} \times I^2$  J  
☒ D.  $\frac{1}{2} \times \mu A \frac{N^2}{l} \times I$  J

Question ID : 8970322464

Status : Answered

Chosen Option : 2

Q.20 Which of the following elements has/have approximate linear characteristics for resistance?

Ans ☒ A. Carbon

- ☒ B. Thermistors
- ☒ C. Varistors
- ☒ D. Diodes

Question ID : 8970322535  
Status : Answered  
Chosen Option : 3

Q.21 Which lightning stroke is most dangerous?

- Ans
- ☒ A. Direct stroke on the ground wire
  - ☒ B. Direct stroke on the line conductor
  - ☒ C. Indirect stroke on the conductor
  - ☒ D. Direct stroke on the tower top

Question ID : 8970322493  
Status : Answered  
Chosen Option : 3

Q.22 Three capacitors of  $2\ \mu\text{F}$ ,  $5\ \mu\text{F}$  and  $10\ \mu\text{F}$  have breakdown voltage of 200 V, 500 V and 100 V respectively. The capacitors are connected in series and the applied direct voltage to the circuit is gradually increased. Determine the total applied voltage at the point of breakdown.

- Ans
- ☒ A. 320 V
  - ☒ B. 150 V
  - ☒ C. 250 V
  - ☒ D. 100 V

Question ID : 8970322469  
Status : Answered  
Chosen Option : 4

Q.23 \_\_\_\_\_ is a temperature sensitive resistor, whose resistance decreases with increasing temperature.

- Ans
- ☒ A. Proximity sensor
  - ☒ B. Copper wire sensor
  - ☒ C. Gold leaf sensor
  - ☒ D. Thermistor

Question ID : 8970322504  
Status : Answered  
Chosen Option : 4

Q.24 Which of the following are the requirements for a good lighting system?

- (i) The illuminating source should have sufficient light.
- (ii) The illumination source should not strike the eyes.
- (iii) The illumination source should have suitable shades and reflectors.
- (iv) The illumination source should be installed at such a place so as to give uniform light.

- Ans
- ☒ A. (ii), (iii) and (iv)
  - ☒ B. (i), (iii) and (iv)



☒ C. (i), (ii) and (iv)

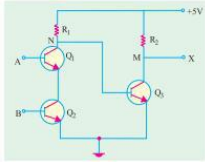
☒ D. (i), (ii), (iii) and (iv)

Question ID : 8970322412

Status : **Answered**

Chosen Option : 4

**Q.25** If A and B are the logical inputs to the following circuit, determine the logical relation between the inputs and the output X.



**Ans** ☒ A.  $X = AB$

☒ B.  $X = \overline{AB}$

☒ C.  $X = \overline{A + B}$

☒ D.  $X = A + B$

Question ID : 8970322527

Status : **Not Answered**

Chosen Option : --

**Q.26** A capacitor consists of two:

**Ans** ☒ A. conductors separated by an insulator

☒ B. silver-coated insulators

☒ C. ceramic plates and one mica disc

☒ D. insulators separated by a dielectric

Question ID : 8970322532

Status : **Answered**

Chosen Option : 4

**Q.27** Which of the following sensors is used to measure the change in light quantity caused by the target crossing the optical axis?

**Ans** ☒ A. A through-beam type sensor

☒ B. LED

☒ C. LASER

☒ D. Reflective-type photoelectric sensor

Question ID : 8970322501

Status : **Answered**

Chosen Option : 4

**Q.28** Which of the following is the advantage of a joint box system?

**Ans** ☒ A. The fault location is easy to detect

- ☒ B. The cost of wiring is saved
- ☐ C. It require least skilled labour
- ☐ D. No chance of short circuit

Question ID : 8970322419  
Status : Answered  
Chosen Option : 2

Q.29 A steel-cored aluminium conductor consists of central core of \_\_\_\_\_ wires surrounded by a number of: \_\_\_\_\_.

- Ans ☒ A. galvanised steel; aluminium stands
- ☐ B. copper; aluminium stands
- ☐ C. aluminium; copper stands
- ☐ D. aluminium; steel stands

Question ID : 8970322478  
Status : Answered  
Chosen Option : 1

Q.30 Which of the following magnetic materials is preferred for very-high-frequency communication systems?

- Ans ☒ A. Nickel-iron alloys containing up to 80% of nickel
- ☐ B. Rolled steel
- ☐ C. Forged steel
- ☐ D. Nickel-iron alloys containing up to 20% of nickel

Question ID : 8970322537  
Status : Answered  
Chosen Option : 4

Q.31 Which of the following Indian Electrical Rules describes about the periodical inspection and testing of consumer's installation?

- Ans ☐ A. Rule 56
- ☒ B. Rule 46
- ☐ C. Rule 54
- ☐ D. Rule 31

Question ID : 8970322423  
Status : Answered  
Chosen Option : 1

Q.32 The symmetrical breaking current of a circuit breaker is determined as:

- Ans ☒ A.
- $\sqrt{3} \times \text{rated symmetrical breaking current} \times \text{rated service voltage}$
- ☐ B.
- $\frac{1}{\sqrt{3}} \times \text{rated symmetrical breaking current} \times \text{rated service voltage}$
- ☐ C.

$3 \times \text{rated symmetrical breaking current} \times \text{rated service voltage}$

☒ D.

$\text{Rated symmetrical breaking current} \times \text{rated service voltage}$

Question ID : 8970322454

Status : Answered

Chosen Option : 4

Q.33 The energy stored in a coil with inductance  $L$  is determined as:

Ans

☒ A.  $\frac{L}{2I^2} \text{ J}$

☒ B.  $\frac{L}{2} \times \frac{dq}{dt} \text{ J}$

☒ C.  $2L \times \frac{dq}{dt} \text{ J}$

☒ D.  $\frac{L}{2} \times \left(\frac{dq}{dt}\right)^2 \text{ J}$

Question ID : 8970322462

Status : Answered

Chosen Option : 4

Q.34 The CPU module in the PLC is used to:

Ans

☒ A. control the outputs only

☒ B. execute the control program only

☒ C. read inputs only

☒ D.

read inputs, execute the control program and update outputs

Question ID : 8970322445

Status : Answered

Chosen Option : 4

Q.35 In a dc generator, let  $P$  be the number of poles,  $\phi$  be the flux per pole,  $Z$  be the number of armature conductors and  $A$  be the number of parallel paths in armature. If the generator runs at  $N$  rpm, then the generated emf per parallel path is:

Ans

☒ A.  $\frac{P\phi ZN}{\pi A} \text{ V}$

☒ B.  $\frac{P\phi ZN}{120A} \text{ V}$

☒ C.  $\frac{P\phi ZN}{A} \text{ V}$

☒ D.  $\frac{P\phi ZN}{60A} \text{ V}$

Question ID : 8970322516

Status : Answered

Chosen Option : 4

Q.36 The binary equivalent of decimal value  $(20)_{10}$  is:

- Ans ☒ A.  $10100_2$   
☒ B.  $11100_2$   
☒ C.  $11000_2$   
☒ D.  $10110_2$

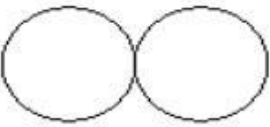

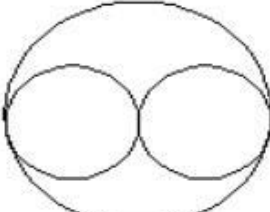
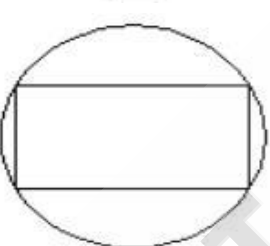
Question ID : 8970322524

Status : Answered

Chosen Option : 1

Q.37 Which of the following options indicates the energy meter symbol in an electrical drawing?

Ans

- ☒ A. 
- ☒ B. 
- ☒ C. 
- ☒ D. 

Question ID : 8970322415

Status : Answered

Chosen Option : 4

Q.38 How to convert a (0 to 1) mA meter to measure the current in the range of 0 to 100 mA? The internal resistance of the meter is  $100\ \Omega$ .

- Ans ☒ A. Connect a  $1.01\ \Omega$  resistance in series with the meter  
☒ B. Connect a  $1.01\ \Omega$  resistance in parallel with the meter  
☒ C. Connect a  $10.01\ \Omega$  resistance in series with the meter  
☒ D. Connect a  $10.01\ \Omega$  resistance in parallel with the meter

Question ID : 8970322549

Status : Answered

Chosen Option : 2

Q.39 The heat curve in a motor is given as  $\theta = \left(1 - e^{-\frac{t}{\tau}}\right)$ . The heating time constant of motor is defined as the time required to heat up the motor upto:



- Ans ☒ A. 0.333 times its final temperature rise, and it is equal to  $T$   
☒ B. 0.633 times its final temperature rise, and it is equal to  $T$   
☒ C.  
 0.333 times its final temperature rise, and it is equal to  $T/2$   
☒ D.  
 0.633 times its final temperature rise, and it is equal to  $T/2$

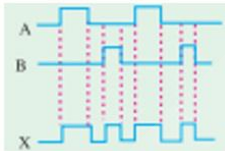
Question ID : 8970322498  
 Status : Answered  
 Chosen Option : 2

Q.40 The energy stored in a capacitor  $C$  could be determined as:

- Ans ☒ A.  $\frac{V^2}{C}$  J  
☒ B.  $\frac{Q^2}{C}$  J  
☒ C.  $\frac{V^2}{2C}$  J  
☒ D.  $\frac{Q^2}{2C}$  J

Question ID : 8970322461  
 Status : Answered  
 Chosen Option : 4

Q.41 The input waves of a logic block A, B provide the logic output X. Identify the logic operation performed by the logic block.



- Ans ☒ A.  $X = \overline{A + B}$   
☒ B.  $X = \overline{AB}$   
☒ C.  $X = A + B$   
☒ D.  $X = AB$

Question ID : 8970322528  
 Status : Answered  
 Chosen Option : 2

Q.42 A hydro-electric generating station is supplied from a reservoir of capacity  $5 \times 10^6$  cubic metre at a head of 200 metre. Find the total energy available in kWh if the overall efficiency is 75%.

- Ans ☒ A.  $2 \times 10^6$  kWh  
☒ B.  $2 \times 10^5$  kWh  
☒ C.  $2 \times 10^7$  kWh  
☒ D.  $2 \times 10^4$  kWh



Question ID : 8970322490  
Status : Answered  
Chosen Option : 1

Q.43 Which of the following is not a peak load power plant?

- Ans
- ☒ A. Gas plant
  - ☒ B. Solar and wind power plant
  - ☒ C. Diesel power plant
  - ☒ D. Thermal power plant

Question ID : 8970322482  
Status : Answered  
Chosen Option : 4

Q.44 The MVM instruction in PLC stands for:

- Ans
- ☒ A. Move data from memory to memory
  - ☒ B. Move data via direct memory access
  - ☒ C. Move data from reg to memory
  - ☒ D. Masked move

Question ID : 8970322450  
Status : Answered  
Chosen Option : 1

Q.45 In case of programmable automation, are there any changes/is there any change possible to be done in the sequence of operations?

- Ans
- ☒ A. Possible by changing the processor
  - ☒ B. Possible by changing the program
  - ☒ C. Possible by changing the embedded system
  - ☒ D. Not possible

Question ID : 8970322441  
Status : Not Answered  
Chosen Option : --

Q.46 To generate emf, which of the following methods may be used?

- (i) Stationary field system with rotating armature
- (ii) Stationary armature with rotating field system
- (iii) Stationary field and stationary armature

- Ans
- ☒ A. (i), (ii) and (iii)
  - ☒ B. (ii) only
  - ☒ C. (i) only
  - ☒ D. (i) and (ii)

Question ID : 8970322433  
Status : Answered  
Chosen Option : 4

Q.47 A consumer has a maximum demand of 200 kW at 40% load factor. Find the units consumed per year.

- Ans
- ☐ A.  $\approx 7 \times 10^6$  kWh
  - ☐ B.  $\approx 7 \times 10^4$  kWh
  - ☐ C.  $\approx 7 \times 10^3$  kWh
  - ☒ D.  $\approx 7 \times 10^5$  kWh

Question ID : 8970322500  
Status : Answered  
Chosen Option : 4

Q.48 It is decided that the copper rod earthing is to be installed, then the size of the rod required for earthing is:

- Ans
- ☒ A. 12.5 mm
  - ☐ B. 19 mm
  - ☐ C. 12.5 cm
  - ☐ D. 19 cm

Question ID : 8970322426  
Status : Answered  
Chosen Option : 3

Q.49 In case of small power installations, the number of GI or copper plates required for earthing is:

- Ans
- ☐ A. 2
  - ☐ B. 3
  - ☒ C. 1
  - ☐ D. 4

Question ID : 8970322425  
Status : Answered  
Chosen Option : 3

Q.50 In a half adder, the carry output is high if the inputs are:

- Ans
- ☒ A. 1, 1
  - ☐ B. 0, 0
  - ☐ C. 0, 1
  - ☐ D. 1, 0

Question ID : 8970322522  
Status : Answered  
Chosen Option : 1

Q.51 The cylindrical rotor type alternators are driven by:

Ans

- ☐ A. Water turbine
- ☐ B. Wind mill
- ☒ C. Steam turbine
- ☐ D. Solar cell

Question ID : 8970322431  
Status : Answered  
Chosen Option : 3

Q.52 Which of the following has/have the highest stability and power rating?

- Ans
- ☐ A. Metal film resistors
  - ☒ B. Wire-wound resistors
  - ☐ C. Semiconductor film
  - ☐ D. Carbon composition resistors

Question ID : 8970322540  
Status : Answered  
Chosen Option : 2

Q.53 A meter reads 125 V and the true value of the voltage is 125.5 V. Find the static error of the instrument.

- Ans
- ☐ A. 125/0.5 V
  - ☐ B. 125 V
  - ☒ C. 0.5 V
  - ☐ D. 0.5/125 V

Question ID : 8970322544  
Status : Answered  
Chosen Option : 3

Q.54 Find the complement of  $A + \bar{A}B$

- Ans
- ☐ A. B
  - ☐ B.  $\bar{A}\bar{B}$
  - ☒ C.  $\overline{A + B}$
  - ☐ D. A

Question ID : 8970322529  
Status : Answered  
Chosen Option : 1

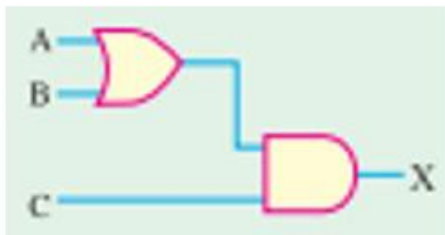
Q.55 If a conductor is moved in a stationary magnetic field, then emf induced in it. Such an emf is known as:

- Ans
- ☐ A. Self-induced emf
  - ☐ B. Back emf
  - ☐ C. Static-induced emf
  - ☒ D. Dynamically-induced emf

Q.56 The ratio of a power plant's actual output over a period of time to its potential output if it were possible for it to operate at full nameplate capacity continuously over the same period of time is known as:

- Ans
- ☒ A. Demand factor
  - ☒ B. Diversity factor
  - ☒ C. Average load
  - ☒ D. Plant capacity factor

Q.57 Find the output X for the given logic circuit.



- Ans
- ☒ A.  $X = \overline{A} + \overline{B} C$
  - ☒ B.  $X = (A + B)C$
  - ☒ C.  $X = \overline{AB} + C$
  - ☒ D.  $X = (AB) + C$

Q.58 Which of the following devices has a typical analog output?

- Ans
- ☒ A. Alarms
  - ☒ B. Horns
  - ☒ C. Pilot lights
  - ☒ D. Pressure transmitter

Q.59 In alternator, the ratio  $\frac{\text{vector sum of the induced emf per coil}}{\text{arithimetic sum of the induced emf per coil}}$  is known as:

- Ans
- ☒ A. Form factor
  - ☒ B. Power factor

✓ C. Pitch factor

✗ D. RMS value

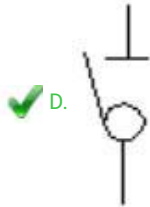
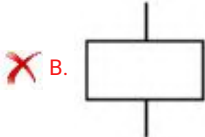
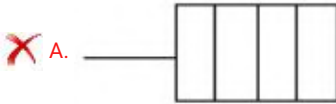
Question ID : 8970322435

Status : Answered

Chosen Option : 3

Q.60 Identify the electrical symbol for isolator from the following options.

Ans



Question ID : 8970322491

Status : Answered

Chosen Option : 4

Q.61 Which of the following faults occurs more frequently in power systems?

Ans

✗ A. Phase-to-phase fault

✗ B. Phase-to-phase and third phase to ground fault

✗ C. All the three phases are short circuited

✓ D. Line-to-ground fault

Question ID : 8970322452

Status : Answered

Chosen Option : 4

Q.62 In a PMMC instrument, the final steady state deflection is:

Ans

✓ A.  $\propto i$ , where  $i$  is the current through the coil

✗ B.  $\propto 1/i$ , where  $i$  is the current through the coil

✗ C.  $\propto i^2$ , where  $i$  is the current through the coil

✗ D.  $\propto 1/i^2$ , where  $i$  is the current through the coil

Question ID : 8970322546

Status : Answered



Q.63 The operating time values of fuse and circuit breakers are:

Ans ☒ A.

For fuse: around 0.02 second, and for circuit breaker: (0.002 to 0.005) second

☒ B.

For fuse: around 0.2 second, and for circuit breaker: (0.2 to 0.5) second

☒ C.

For fuse: around 0.002 second, and for circuit breaker: (0.02 to 0.05) second

☒ D.

For fuse: around 0.02 second, and for circuit breaker: (0.2 to 0.5) second

Question ID : 8970322458

Status : Answered

Chosen Option : 1

Q.64 Which of the following control devices is used to control/operate industrial equipment?

Ans ☒ A. PLC

☒ B. Microprocessor

☒ C. Discrete analog devices

☒ D. DSP

Question ID : 8970322507

Status : Answered

Chosen Option : 1

Q.65 The daily load factor is calculated as:

Ans ☒ A.  $\frac{\text{No.of units consumed per day}}{\text{Max.demand of the day}}$

☒ B.  $\frac{\text{No.of units consumed per day}}{24 \times \text{Max.demand of the day}}$

☒ C.  $\frac{24 \times \text{Max.demand of the day}}{\text{No.of units consumed per day}}$

☒ D.  $\frac{\text{Max.demand of the day}}{\text{No.of units consumed per day}}$

Question ID : 8970322495

Status : Answered

Chosen Option : 2

Q.66 The \_\_\_\_\_ is a temporary storage area used by the CPU to store a relatively \_\_\_\_\_ amount of data for interim calculations and control.

Ans ☒ A. scratch pad area; large

☒ B. application memory; large

☒ C. executive area; small

☒ D. scratch pad area; small

Question ID : 8970322447

Status : Not Answered

Chosen Option : --

Q.67 Which of the following law states that "whenever the magnetic flux linking a conductor or coil changes, an emf is induced in it"?

Ans

- ☒ A. Fleming's right hand rule
- ☒ B. Faraday's first law of electromagnetic induction
- ☒ C. Lenz's law
- ☒ D. Faraday's second law of electromagnetic induction

Question ID : 8970322512

Status : Answered

Chosen Option : 2

Q.68 The nature of emf induced in the armature of a dc generator is \_\_\_\_\_ and it is converted into \_\_\_\_\_ by means of split rings.

Ans

- ☒ A. dc; ac
- ☒ B. dc; dc
- ☒ C. ac; ac
- ☒ D. ac; dc

Question ID : 8970322514

Status : Answered

Chosen Option : 4

Q.69 The submarines for underwater movement are powered with the help of:

Ans

- ☒ A. Wind engine
- ☒ B. Batteries
- ☒ C. Solar engine
- ☒ D. Geo-thermal engines

Question ID : 8970322494

Status : Answered

Chosen Option : 2

Q.70 In an alternator, when the armature current increases, the terminal voltage drops due to:

Ans

- ☒ A. Armature reaction
- ☒ B. Armature effective resistance, armature leakage reactance and armature reaction
- ☒ C. Armature effective resistance
- ☒ D. Armature leakage reactance

Question ID : 8970322437

Status : Answered

Chosen Option : 2

**Q.71** Once a synchronous machine is synchronised, it will tend to remain in synchronism with the other alternators. Any tendency to depart from the condition of synchronism is \_\_\_\_\_ produced due to circulating current flowing through the alternators.

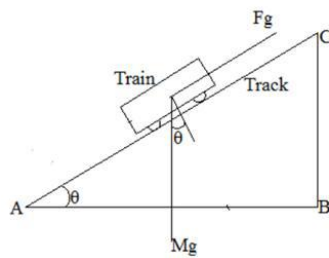
- Ans
- ☒ A. opposed by a motor torque
  - ☒ B. opposed by a load torque
  - ☒ C. opposed by a synchronising torque
  - ☒ D. aided by a synchronising torque

Question ID : 8970322438

Status : Answered

Chosen Option : 3

**Q.72** Find the tractive effort required to balance the gravitational pull for the train on an up-gradient as given in the below figure.



- Ans
- ☒ A.  $F_g = Mg$  N
  - ☒ B.  $F_g = Mg \cos(\theta)$  N
  - ☒ C.  $F_g = Mg \tan(\theta)$  N
  - ☒ D.  $F_g = Mg \sin(\theta)$  N

Question ID : 8970322411

Status : Answered

Chosen Option : 4

**Q.73** Let  $\alpha$  be the angle, in electrical degrees, by which the span of the coil is less than a pole pitch in alternator. At the fundamental frequency, the pitch factor is equal to:

- Ans
- ☒ A.  $\cos \alpha$
  - ☒ B.  $\cos \frac{\alpha}{2}$
  - ☒ C.  $\sin \alpha$
  - ☒ D.  $\sin \frac{\alpha}{2}$

Question ID : 8970322436

Status : Answered

Chosen Option : 2

**Q.74** With respect to dynamometer type measuring instruments, choose the incorrect statement.

- Ans
- ☒ A. They have a uniform scale
  - ☒ B. They can be used to measure both AC & DC

- ☒ C. They are free from hysteresis and eddy current losses
- ☒ D. They have Low torque/weight ratio

Question ID : 8970322548  
Status : Answered  
Chosen Option : 3

Q.75 The rate of rise of restriking voltage ( $RRRV_{max}$ ) is defined as the slope of the steepness tangent of the restriking voltage curve, and it is determined as:

Ans

- ☒ A.  $RRRV_{max} = \frac{V_{max}}{\sqrt{RL}}$
- ☒ B.  $RRRV_{max} = \frac{V_{max}}{\sqrt{RC}}$
- ☒ C.  $RRRV_{max} = \frac{V_{max}}{\sqrt{RLC}}$
- ☒ D.  $RRRV_{max} = \frac{V_{max}}{\sqrt{LC}}$

Question ID : 8970322459  
Status : Answered  
Chosen Option : 4

Q.76 With respect to alternator rotor types, select the correct option.

Ans

- ☒ A.  
Salient pole rotor type: - causes speed fluctuation and suitable for high-speed operation.  
Cylindrical rotor type: - causes no speed fluctuation and suitable for low-and medium-speed operation.
- ☒ B.  
Salient pole rotor type: - causes speed fluctuation and suitable for low-and medium-speed operation.  
Cylindrical rotor type: - causes no speed fluctuation and suitable for high-speed operation.
- ☒ C.  
Salient pole rotor type: - causes no speed fluctuation and suitable for high-speed operation.  
Cylindrical rotor type: - causes speed fluctuation and suitable for low-and medium-speed operation.
- ☒ D.  
Salient pole rotor type: - causes no speed fluctuation and suitable for low-and-medium speed operation.  
Cylindrical rotor type: - causes speed fluctuation and suitable for high-speed operation.

Question ID : 8970322434  
Status : Answered  
Chosen Option : 4

Q.77 The typical potential of a lead electrode is:

Ans

- ☒ A. -0.122 V
- ☒ B. 0.122 V
- ☒ C. -0.44 V
- ☒ D. 0.44 V

Question ID : 8970322465  
Status : Answered  
Chosen Option : 1

Q.78 The electrically-controlled magnetic materials used in machines should have:



- Ans ☒ A. low permeability and high saturation flux density  
☒ B. high permeability and high saturation flux density  
☒ C. low permeability and low saturation flux density  
☒ D. high permeability and low saturation flux density

Question ID : 8970322536  
Status : Answered  
Chosen Option : 2

Q.79 One calory heat energy is equal to the electrical energy of:

- Ans ☒ A.  $\frac{10^{-3}}{86}$  kWh  
☒ B.  $\frac{10^{-4}}{860}$  kWh  
☒ C.  $\frac{10^{-3}}{8.6}$  kWh  
☒ D.  $\frac{10^{-3}}{860}$  kWh

Question ID : 8970322485  
Status : Answered  
Chosen Option : 4

Q.80 The loads in metal cutting and drilling tool drives, drives for fork lift trucks, mine hoist etc. are considered to be:

- Ans ☒ A. Intermittent periodic duty in the starting  
☒ B. Short time duty  
☒ C. Continuous duty  
☒ D. Continuous duty with staring and braking

Question ID : 8970322408  
Status : Answered  
Chosen Option : 1

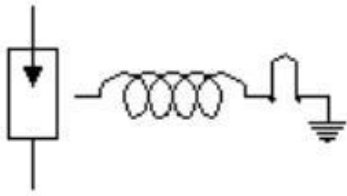
Q.81 The direction of the magnetic field around the current carrying conductor could be determined by:

- Ans ☒ A. Right hand thumb rule  
☒ B. Left hand thumb rule  
☒ C. Lenz's law  
☒ D. Fleming's right hand rule

Question ID : 8970322511  
Status : Answered  
Chosen Option : 1

Q.82





What does the above symbol indicate in an electrical drawing?

- Ans
- ☒ A. Lightning arrester
  - ☐ B. Isolator
  - ☐ C. Exhaust fan
  - ☐ D. Current transformer

Question ID : 8970322416

Status : Answered

Chosen Option : 1

Q.83 The capacitance of a capacitor is NOT influenced by:

- Ans
- ☐ A. Conductive plate separation
  - ☒ B. Conductive plate thickness
  - ☐ C. Conductive plate area
  - ☐ D. Nature of the dielectric between the plates

Question ID : 8970322539

Status : Answered

Chosen Option : 2

Q.84 Which of the following is not run with the help of DC supply?

- Ans
- ☐ A. Compound motor
  - ☐ B. Series motor
  - ☐ C. Shunt motor
  - ☒ D. Squirrel cage motor

Question ID : 8970322401

Status : Answered

Chosen Option : 4

Q.85 The maintenance cost for the electrical equipment is called:

- Ans
- ☐ A. Depreciation cost
  - ☐ B. Investment cost
  - ☐ C. Auxiliary cost
  - ☒ D. Operating cost

Question ID : 8970322429

Status : Answered

Q.86 In the measuring instruments, the degree of conformity and closeness to the true value is known as:

- Ans
- ☒ A. Precision
  - ☒ B. Deflecting torque
  - ☒ C. Measuring scale
  - ☒ D. Accuracy

Question ID : 8970322541

Status : Answered

Chosen Option : 1

Q.87 The surge tanks are usually provided in high or medium head \_\_\_\_\_ power plants when considerably \_\_\_\_\_ is required.

- Ans
- ☒ A. hydro-electric, short penstock
  - ☒ B. hydro-electric, long penstock
  - ☒ C. thermal, short penstock
  - ☒ D. thermal, large steam turbine

Question ID : 8970322484

Status : Answered

Chosen Option : 2

Q.88 An XNOR gate produces an output only when the two inputs are:

- Ans
- ☒ A. high
  - ☒ B. different
  - ☒ C. low
  - ☒ D. same

Question ID : 8970322523

Status : Answered

Chosen Option : 4

Q.89 The generation of power in a power plant has to be controlled to meet the:

- Ans
- ☒ A. demand of load and power factor
  - ☒ B. demand of load only
  - ☒ C. demand of load and frequency
  - ☒ D. frequency and power factor

Question ID : 8970322483

Status : Answered

Chosen Option : 3

Q.90 In an electrical wiring, the fuse should be placed:

Ans

- ☒ A. in earth wire
- ☒ B. in live or phase wire
- ☒ C. in lamp directly
- ☒ D. neutral wire

Question ID : 8970322418  
Status : Answered  
Chosen Option : 2

Q.91 The overall efficiency of a steam power station is computed as:

Ans

- ☒ A.  $\frac{\text{steam energy}}{\text{heat of combustion of coal}}$
- ☒ B.  $\frac{\text{heat equivalent of electrical output}}{\text{Heat of combustion of coal}}$
- ☒ C.  $\frac{\text{heat equivalent of mech energy transmitted to turbine shaft}}{\text{Heat of coal combustion}}$
- ☒ D.  $\frac{\text{heat of combustion of coal}}{\text{mech energy}}$

Question ID : 8970322487  
Status : Answered  
Chosen Option : 2

Q.92 In terms of energy bands, insulators have:

Ans

- ☒ A. full conduction band
- ☒ B. very small energy gap
- ☒ C. full valence band
- ☒ D. moderate energy gap

Question ID : 8970322533  
Status : Answered  
Chosen Option : 3

Q.93 When a lead-acid cell is recharged, the  $H_2$  ions move to cathode and  $SO_4$  ions go to anode. The following changes then take place.

Ans

- ☒ A. At Cathode:  $PbSO_4 + H_2 \rightarrow Pb + H_2SO_4$   
At Anode:  $PbSO_4 + 2H_2O \rightarrow PbO_2 + 2H_2SO_4$
- ☒ B. At Cathode:  $PbSO_4 + H_2 \rightarrow Pb + H_2SO_4$   
At Anode:  $PbSO_4 + H_2O \rightarrow PbO_2 + H_2SO_4$
- ☒ C. At Cathode:  $PbSO_4 + H_2O \rightarrow PbO_2 + H_2SO_4$   
At Anode:  $PbSO_4 + H_2 \rightarrow Pb + H_2SO_4$
- ☒ D. At Cathode:  $PbSO_4 + 2H_2O \rightarrow PbO_2 + 2H_2SO_4$   
At Anode:  $PbSO_4 + H_2 \rightarrow Pb + H_2SO_4$

Question ID : 8970322468

Status : **Answered**  
Chosen Option : 1

**Q.94** Let  $V$  be the terminal voltage,  $I_a$  be the armature current and  $I_{sh}$  be the shunt current. The power delivered to a load of a self-excited dc shunt generator is:

Ans

☒ A.  $V \times I_{sh}$  W

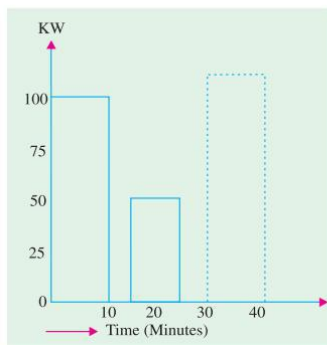
☒ B.  $V \times I_a$  W

☒ C.  $V \times (I_a - I_{sh})$  W

☒ D.  $V \times (I_a + I_{sh})$  W

Question ID : **8970322517**  
Status : **Answered**  
Chosen Option : 4

**Q.95** Determine the suitable size of a continuously rated motor for the following load curve. The load has a repeated pattern every 30 min.



Ans

☒ A.  $\approx 81$  kW

☒ B.  $\approx 51$  kW

☒ C.  $\approx 77$  kW

☒ D.  $\approx 67$  kW

Question ID : **8970322499**  
Status : **Answered**  
Chosen Option : 4

**Q.96** If a single motor drives a number of machines through belts from a common shaft, such a type of drive system is known as:

Ans

☒ A. Individual drive

☒ B. Complex motor drive

☒ C. Multi motor drive

☒ D. Group drive

Question ID : **8970322405**  
Status : **Answered**  
Chosen Option : 4

**Q.97**



Which of the following points represent the essential features of a switchgear?

- (i) Complete reliability
- (ii) Absolutely certain discrimination
- (iii) Quick operation
- (iv) Provision for manual control

- Ans
- ☒ A. (ii), (iii) and (iv) only
  - ☒ B. (i), (iii) and (iv) only
  - ☒ C. (i), (ii), (iii) and (iv)
  - ☒ D. (i), (ii) and (iii) only

Question ID : 8970322453

Status : Answered

Chosen Option : 3

Q.98 Which of the following can be placed near the main board to protect the whole installation?

- Ans
- ☒ A. ELCB
  - ☒ B. Main switch
  - ☒ C. MCB
  - ☒ D. Energy meter

Question ID : 8970322424

Status : Answered

Chosen Option : 3

Q.99 The initial temperature of machine is  $45^{\circ}\text{C}$ . Calculate the temperature of machine after 1.2 hours, if its final steady temperature rise is  $85^{\circ}\text{C}$  and the heating time constant is 2.4 hours. Consider ambient temperature as  $25^{\circ}\text{C}$ .

- Ans
- ☒ A.  $(85 - 25e^{-0.5})^{\circ}\text{C}$
  - ☒ B.  $(25 - 65e^{-0.5})^{\circ}\text{C}$
  - ☒ C.  $(110 - 65e^{-0.5})^{\circ}\text{C}$
  - ☒ D.  $(85 - 65e^{-0.5})^{\circ}\text{C}$

Question ID : 8970322497

Status : Answered

Chosen Option : 2

Q.100 Which option represents the correct sequence of the flow of the electrical power from the generating station to the load.

- Ans
- ☒ A. Primary transmission, secondary distribution
  - ☒ B. Primary transmission, primary distribution
  - ☒ C. Primary transmission, secondary transmission
  - ☒ D.

Primary transmission, secondary transmission, primary distribution and secondary distribution

Question ID : 8970322471

Status : Answered

Chosen Option : 4



**Q.101** The equipment that is used to disconnect the main under no-load condition for safety isolation and maintenance is called:

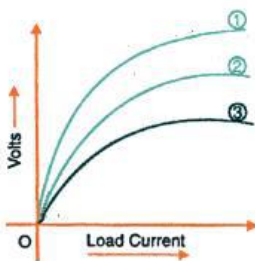
- Ans ☒ A. Earthing switch  
☒ B. Isolators  
☒ C. Busbar  
☒ D. Line trap

Question ID : 8970322430

Status : Answered

Chosen Option : 2

**Q.102** The V-I characteristics of a dc series generator are given in the following figure.



Choose the appropriate labels for the three plots.

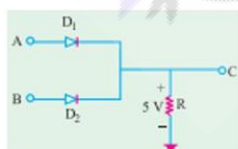
- Ans ☒ A.  
 1-OCC, 2- Internal Characteristics, and 3- External characteristics  
☒ B.  
 1- Internal Characteristics, 2-OCC, and 3- External characteristics  
☒ C.  
 1-External Characteristics, 2-OCC, and 3-Internal characteristics  
☒ D.  
 1-OCC, 2-External Characteristics, and 3-Internal characteristics

Question ID : 8970322520

Status : Answered

Chosen Option : 2

**Q.103** If A and B are the logical inputs to the following circuit, determine the logical relation between the inputs and the output C.



- Ans ☒ A.  $C = \overline{AB}$   
☒ B.  $C = AB$   
☒ C.  $C = A \text{ xor } B$   
☒ D.  $C = A + B$

Question ID : 8970322526

Status : **Answered**  
Chosen Option : **1**

Q.104 Which of the following control methods is not preferred for ac drives?

- Ans
- ☒ A. Changing the supply frequency
  - ☒ B. Injecting resistance in the rotor circuit
  - ☒ C. Field control method
  - ☒ D. Changing the supply voltage

Question ID : **8970322407**  
Status : **Answered**  
Chosen Option : **3**

Q.105 Which of the following characteristics is not an electrical characteristic considered during the selection of a motor?

- Ans
- ☒ A. Running characteristics
  - ☒ B. Starting characteristics
  - ☒ C. Transmission of drive
  - ☒ D. Speed control

Question ID : **8970322406**  
Status : **Answered**  
Chosen Option : **3**

Q.106 In railway electrification, the voltage and frequency, respectively, of the three-phase ac system are:

- Ans
- ☒ A. 25 kV and 50 Hz
  - ☒ B. 3 to 3.5 kV and  $16^{2/3}$  Hz
  - ☒ C. 1500 V and 50 Hz
  - ☒ D. 600 V and 50 Hz

Question ID : **8970322403**  
Status : **Answered**  
Chosen Option : **1**

Q.107 In terms of energy bands, semiconductors can be defined as those materials that have:

- Ans
- ☒ A. almost an empty conduction band and almost filled valence band with a very narrow energy gap between the conduction and valence band
  - ☒ B. almost an empty conduction band and almost filled valence band with a very high energy gap between the conduction and valence band
  - ☒ C. almost an empty conduction band and low filled valence band with a very narrow energy gap between the conduction and valence band
  - ☒ D. almost full conduction band and almost filled valence band with a very narrow energy gap between the conduction and valence band

Question ID : **8970322538**  
Status : **Answered**  
Chosen Option : **1**

Q.108 The objective of automation is to cause the work system to be automatic such that the system becomes:

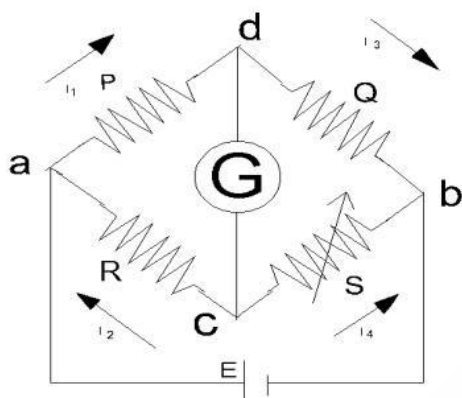
- Ans
- ☒ A. self-reliant only
  - ☒ B. self-acting, self-regulating and self-reliant all
  - ☒ C. self-regulating only
  - ☒ D. self-acting only

Question ID : 8970322443

Status : Answered

Chosen Option : 2

Q.109 Determine the unknown resistance R in the given network, if the galvanometer reads zero.



- Ans
- ☒ A.  $R = \frac{P \times Q}{S}$
  - ☒ B.  $R = \frac{Q}{P} S$
  - ☒ C.  $R = \frac{P}{Q} S$
  - ☒ D.  $R = \frac{P-Q}{S}$

Question ID : 8970322550

Status : Answered

Chosen Option : 3

Q.110 A 100 MW steam station uses coal of calorific value 6400 kcal/kg. Thermal efficiency of the station is 30% and electrical efficiency is 92%. Find the overall efficiency of the plant.

- Ans
- ☒ A. 92%
  - ☒ B. 30%
  - ☒ C. 27.6%
  - ☒ D. 62%

Question ID : 8970322489

Status : Answered

Chosen Option : 3

Q.111 With respect to automation, choose the wrong statement.

- Ans ☐ A. It provides better working conditions for workers  
☒ B. It decreases unemployment  
☐ C. There is an increase in productivity  
☐ D. There is a reduction in the production cost

Question ID : 8970322442  
Status : Answered  
Chosen Option : 2

Q.112 \_\_\_\_\_ is an electromechanical device that consists of an actuator mechanically linked to a set of contacts. When an object comes into the contact with the actuator, the device operates the contacts to make or break an electrical connection.

- Ans ☐ A. A relay  
☐ B. A photoelectric switch  
☐ C. A circuit breaker  
☒ D. A limit switch

Question ID : 8970322503  
Status : Answered  
Chosen Option : 4

Q.113 Consider the below points:

- (i) Minimum size of cable
- (ii) Voltage drop
- (iii) Current carrying capacity
- (iv) Type of insulation used

Which of the above constitute specifications that need to be considered while selecting wires?

- Ans ☒ A. (i), (ii), (iii) and (iv)  
☐ B. (i) and (ii)  
☐ C. (ii), (iii) and (iv)  
☐ D. (i), (ii) and (iii)

Question ID : 8970322422  
Status : Answered  
Chosen Option : 1

Q.114 Let  $w$  be the weight per unit length of the conductor,  $H$  be the horizontal tension, and  $l$  be the span length, then the sag in a freely suspended conductor is determined as:

- Ans ☐ A.  $\delta = \frac{wl}{8H}$   
☐ B.  $\delta = \frac{wl}{4H}$   
☒ C.  $\delta = \frac{wl^2}{8H}$   
☐ D.  $\delta = \frac{wl^2}{4H}$

Question ID : 8970322479



Status : **Answered**  
Chosen Option : 3

Q.115 Which of the following Indian Electrical Rules describes the guarding in an electrical system?

- Ans ☒ A. Rule 88  
☒ B. Rule 84  
☒ C. Rule 85  
☒ D. Rule 75

Question ID : 8970322417  
Status : **Not Answered**  
Chosen Option : --

Q.116 The load side typical distribution system has:

- Ans ☒ A. 3 wire 440 V  
☒ B. 4 wire, 440 V  
☒ C. 4wire, 440 V  
☒ D. 1 wire, 230 V

Question ID : 8970322473  
Status : **Answered**  
Chosen Option : 3

Q.117 In the overhead system, the maximum disruptive stress exists between the:

- Ans ☒ A. phase conductor and neutral  
☒ B. conductor and the earth  
☒ C. conductors  
☒ D. conductor and pole

Question ID : 8970322474  
Status : **Answered**  
Chosen Option : 3

Q.118 The use of optical isolation in the input module side of a controller device is to:

- Ans ☒ A. reduce the effect of electrical noise and prevent damage to the processor due to line voltage transient  
☒ B. prevent damage to the processor due to line voltage transient  
☒ C. provide common ground  
☒ D. reduce the effect of electrical noise

Question ID : 8970322449  
Status : **Not Answered**  
Chosen Option : --

Q.119 Line-to-ground fault occurs:

Ans ☒ A. due to short circuit between two conductors

☒ B.

due to insulation breakdown between one of the phase and earth

☒ C.

due to the breakdown of insulation between two phases and simultaneous breakdown of insulation between the third phase and earth

☒ D.

due to fault breakdowns of insulation between two phases and earth occur

Question ID : 8970322451

Status : Answered

Chosen Option : 2

Q.120 The overall efficiency of a steam power plant is about

Ans ☒ A. 56%

☒ B. 29%

☒ C. 45%

☒ D. 66%

Question ID : 8970322488

Status : Answered

Chosen Option : 2

Q.121 The law that describes the economic choice of conductor size is:

Ans ☒ A. Fleming's Law

☒ B. Ohm's law

☒ C. Faraday's law

☒ D. Kelvin's law

Question ID : 8970322477

Status : Answered

Chosen Option : 4

Q.122 Which of the following statements is not true with respect to ac transmission systems?

Ans ☒ A.

The maintenance of ac sub-stations is easy and inexpensive.

☒ B.

The ac voltage can be stepped up or stepped down by transformers with ease and efficiency.

☒ C.

Due to skin effect in the ac system, the effective resistance of the line is decreased.

☒ D. The power can be generated at high voltages.

Question ID : 8970322475

Status : Answered

Chosen Option : 1

Q.123



What does the above symbol indicate in an electrical wiring drawing?

- Ans
- ☒ A. Socket outlet 15 A
  - ☒ B. Fuse
  - ☒ C. Socket outlet 5A
  - ☒ D. Bulk head

Question ID : 8970322413

Status : Answered

Chosen Option : 3

Q.124 Active materials of a lead-acid cell are:

- Ans
- ☒ A. Lead peroxide, sponge lead and dilute sulphuric acid
  - ☒ B. Lead peroxide and filler caps
  - ☒ C. Lead peroxide and pillar
  - ☒ D. Sponge lead and pillar

Question ID : 8970322467

Status : Answered

Chosen Option : 1

Q.125 The terminal voltage of a long shunt dc generator could be determined as:

- Ans
- ☒ A.  $V = E_g + I_a R_a$
  - ☒ B.  $V = E_g - I_a R_a$
  - ☒ C.  $V = E_g + I_a (R_a + R_s)$
  - ☒ D.  $V = E_g - I_a (R_a + R_s)$

Question ID : 8970322518

Status : Answered

Chosen Option : 4

Q.126 The  $\text{SF}_6$  circuit breakers are preferred for the substation with:

- Ans
- ☒ A. 33 kV
  - ☒ B. 11 kV
  - ☒ C. 110 kV
  - ☒ D. 220 kV

Question ID : 8970322455

Status : Not Answered

Chosen Option : --

Q.127

The fusing factor of a fuse is determined as:

Ans

- ☒ A.  $\frac{\text{current rating of fuse}}{\text{fuse current}}$
- ☒ B.  $\frac{\sqrt{3} \times \text{current rating of fuse}}{\text{fuse current}}$
- ☒ C.  $\sqrt{3} \times \frac{\text{fuse current}}{\text{current rating of fuse}}$
- ☒ D.  $\frac{\text{fuse current}}{\text{current rating of fuse}}$

Question ID : 8970322456

Status : Answered

Chosen Option : 4

**Q.128** A 25-kVA transformer has 500 turns on the primary and 50 turns on the secondary winding. The primary is connected to a 3000-V, 50-Hz supply. Find the full-load primary and secondary currents.

Ans

- ☒ A.  $I_p = 83.3 \text{ A}, I_s = 83.3 \text{ A}$
- ☒ B.  $I_p = 83.3 \text{ A}, I_s = 8.33 \text{ A}$
- ☒ C.  $I_p = 833 \text{ A}, I_s = 83.3 \text{ A}$
- ☒ D.  $I_p = 8.33 \text{ A}, I_s = 83.3 \text{ A}$

Question ID : 8970322519

Status : Answered

Chosen Option : 4

**Q.129** Which of the following materials has the least resistivity?

Ans

- ☒ A. Copper
- ☒ B. Iron
- ☒ C. Carbon
- ☒ D. Brass

Question ID : 8970322534

Status : Answered

Chosen Option : 1

**Q.130** With respect to liquid fuels, which statement of the following is incorrect?

Ans

- ☒ A. The combustion of liquid fuels is uniform.
- ☒ B.

The handling of liquid fuels is easier and they require less storage space.

- ☒ C. The firing of liquid fuels can be easily controlled.
- ☒ D.

Liquid fuels leave very large quantity of ash after burning as compared to solid fuels.

Question ID : 8970322486

Status : Answered

Chosen Option : 1



Q.131 Which of the following functionalities is not possible in the PLC during the "Run Mode"?

- Ans ☒ A. Executes the ladder program and energises output devices.  
☒ B. Prevents online program editing.  
☒ C. Places the processor in the RUN mode.  
☒ D. Allows you to perform program entry and editing.

Question ID : 8970322446

Status : Not Answered

Chosen Option : --

Q.132 The typical voltage value of the transformer that connects the generator output to the grid is:

- Ans ☒ A. 132 kV / 66 kV  
☒ B. 11 kV / 132 kV  
☒ C. 66 kV / 132 kV  
☒ D. 33 kV / 3.3 kV

Question ID : 8970322472

Status : Answered

Chosen Option : 2

Q.133 A long transmission line has a large capacitance. If such a line is open-circuited or connected to the very light load at the receiving end, the magnitude of the voltage at the receiving end becomes higher than the voltage at the sending end. Such a phenomenon is called:

- Ans ☒ A. Skin effect  
☒ B. Corona loss  
☒ C. Ferranti effect  
☒ D. Sag in transmission lines

Question ID : 8970322480

Status : Answered

Chosen Option : 3

Q.134 The factors influencing costs and tariffs of electric supply are:

- Ans ☒ A.  
(i) Standing charges that are independent of the output and (ii) running or operating charges that are proportional to the output.  
☒ B.  
(i) Standing charges that are proportional to the output and (ii) running or operating charges that are independent of the output.  
☒ C.  
(i) Standing charges that are proportional to the output and (ii) running or operating charges that are proportional to the output.  
☒ D.  
(i) Standing charges that are independent of the output and (ii) running or operating charges that are independent of the output.

Question ID : 8970322496

Status : **Answered**  
Chosen Option : 1

Q.135 Very low resistance, which is less than one ohm, could be measured using:

- Ans
- ☒ A. Earth tester
  - ☒ B. Megger
  - ☒ C. Kelvin's bridge
  - ☒ D. Wheatstone bridge

Question ID : 8970322543  
Status : **Answered**  
Chosen Option : 3

Q.136 Which of the following switches is used to detect the level of liquid within a tank?

- Ans
- ☒ A. Float switch
  - ☒ B. Relay-based switch
  - ☒ C. Push-button switch
  - ☒ D. Electrical ON/OFF switch

Question ID : 8970322505  
Status : **Answered**  
Chosen Option : 1

Q.137 Which of the following methods is NOT used to develop damping torque in the measuring instruments?

- Ans
- ☒ A. Eddy current
  - ☒ B. Spring control
  - ☒ C. Fluid friction
  - ☒ D. Air friction

Question ID : 8970322542  
Status : **Answered**  
Chosen Option : 2

Q.138 The height for the light points and junction boxes from the floor level should be:

- Ans
- ☒ A. 3.0 m to 4.0 m
  - ☒ B. 2.5 m to 3.0 m
  - ☒ C. 2.0 m to 3.5 m
  - ☒ D. 1.5 m to 2.5 m

Question ID : 8970322428  
Status : **Answered**  
Chosen Option : 4

Q.139 The Laplace transform of  $u(t) = 1, t \geq 0$ ;  $u(t) = 0$  for  $t < 0$  is:

- Ans
- ☒ A.  $\frac{1}{s}$

☐ B. S

☐ C.  $\frac{1}{(s+1)}$

☐ D.  $(s + 1)$

Question ID : 8970322509

Status : Answered

Chosen Option : 1

Q.140 Which of the following transmission systems has the maximum efficiency?

Ans ☐ A. Gear drive

☐ B. Belt drive

☐ C. Rope drive

☒ D. Direct drive

Question ID : 8970322402

Status : Answered

Chosen Option : 4

Q.141 In an electric magnetic circuit, for establishing a magnetic field:

Ans ☐ A. the movement of coil is required.

☐ B.

energy need not be spent, though energy is required to maintain it.

☒ C.

energy must be spent, though no energy is required to maintain it.

☐ D. energy is not at all required.

Question ID : 8970322463

Status : Answered

Chosen Option : 2

Q.142 In a dc motor, the commutator is used to:

Ans ☐ A.  
convert dc current from armature conductor to ac current feedback to supply

☐ B.  
convert ac current from armature conductor to dc current feedback to supply

☒ C.  
convert dc current from supply to ac current in armature conductor

☐ D.  
convert ac current from supply to dc current in armature conductor

Question ID : 8970322515

Status : Answered

Chosen Option : 3

Q.143

Let  $L$  be the inductance of the system,  $C$  be the capacitance of the system,  $i$  be the instantaneous value of arc current, and  $v$  be the instantaneous value of capacitor voltage, which appears across the breaker when it opens. The prospective voltage or arc voltage is determined as:

Ans

- ☒ A.  $v = i / \sqrt{LC}$
- ☒ B.  $v = i \sqrt{L/C}$
- ☒ C.  $v = i \sqrt{LC}$
- ☒ D.  $v = \frac{i}{\sqrt{L/C}}$

Question ID : 8970322460

Status : Answered

Chosen Option : 2

Q.144 Identify the properties for neutral wire and earth wire from the given list.

- (i) It is connected to the neutral point of the transformer that is earthed at the substation.  
 (ii) It is a solid earth at the substations  
 (iii) Unbalanced current flows through it  
 (iv) Only fault current flows through it

Ans

- ☒ A. Neutral wire: (i) and (iv); Earth wire: (ii) and (iii)
- ☒ B. Neutral wire: (i), (iii) and (iv); Earth wire: (ii)
- ☒ C. Neutral wire: (i) and (iii); Earth wire: (ii) and (iv)
- ☒ D. Neutral wire: (i) ; Earth wire: (ii), (iii) and (iv)

Question ID : 8970322421

Status : Answered

Chosen Option : 4

Q.145 Calculate the distribution factor for a single layer 18 slots 2-pole three-phase stator winding.

Ans

- ☒ A.  $\frac{3 \times \sin 30^\circ}{\sin 10^\circ}$
- ☒ B.  $\frac{3 \times \sin 10^\circ}{\sin 30^\circ}$
- ☒ C.  $\frac{\sin 10^\circ}{3 \times \sin 30^\circ}$
- ☒ D.  $\frac{\sin 30^\circ}{3 \times \sin 10^\circ}$

Question ID : 8970322440

Status : Answered

Chosen Option : 4

Q.146 The armature core in an electrical machine is made with the help of a/an:

Ans

- ☒ A. laminated electrically-conductive material
- ☒ B. semiconductive material
- ☒ C. electrically-conductive mono-solid material



☒ D. dielectric material

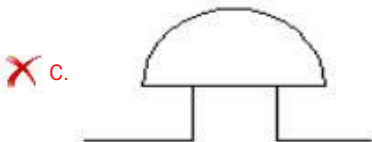
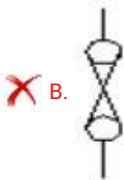
Question ID : 8970322531

Status : Answered

Chosen Option : 1

Q.147 Identify the symbol for signal lamp in electrical drawing from the options.

Ans



Question ID : 8970322414

Status : Answered

Chosen Option : 1

Q.148 The Inverse Laplace transform of  $\left(\frac{1}{s+1}\right)$  is:

Ans

☒ A.  $e^{-t}$

☒ B.  $e^t$

☒ C. 1

☒ D.  $e^1$

Question ID : 8970322510

Status : Answered

Chosen Option : 1

Q.149 The electric switch to control any electrical equipment will act as a:

Ans

☒ A. PD controller

☒ B. Proportional controller

☒ C. PID controller

☒ D. ON/OFF controller

Question ID : 8970322502

Status : Not Answered

Chosen Option : --

Q.150 The cut-off current in the fuse depends on:

- (i) Current rating of the fuse
- (ii) Value of the prospective current
- (iii) Asymmetry of the fault current

Ans ☒ A. (ii) and (iii)  
☒ B. (i) and (ii)  
☒ C. (i), (ii) and (iii)  
☒ D. (i) and (iii)

Question ID : 8970322457  
Status : Answered  
Chosen Option : 2

Section : General Knowledge\_Awareness

Q.1 The first Satyagraha was started in Champaran, Bihar in \_\_\_\_.

Ans ☒ A. 1929  
☒ B. 1907  
☒ C. 1922  
☒ D. 1917

Question ID : 8970322567  
Status : Answered  
Chosen Option : 2

Q.2 In computer terminology, what does A stand for in ALU?

Ans ☒ A. Allocate  
☒ B. Automatic  
☒ C. Arithmetic  
☒ D. Access

Question ID : 8970322569  
Status : Answered  
Chosen Option : 3

Q.3 What does the term 'MFN' mean in the context of the World Trade Organisation?

Ans ☒ A. Most Finance-friendly Nation  
☒ B. Most Friendly Neighbour  
☒ C. Most Friendly Nation  
☒ D. Most Favoured Nation

Question ID : 8970322558  
Status : Answered  
Chosen Option : 4

Q.4 The Reserve Bank of India (RBI) rejected the proposed and much talked about merger plan between Indiabulls Housing Finance and \_\_\_\_ bank in October 2019.

- Ans
- ☒ A. Karnataka
  - ☒ B. Dhanlaxmi
  - ☒ C. Karur Vysya
  - ☒ D. Lakshmi Vilas

Question ID : 8970322560  
Status : Answered  
Chosen Option : 4

Q.5 India slipped down ten places to be ranked \_\_\_\_\_ in the annual Global Competitiveness Index 2019.

- Ans
- ☒ A. 68th
  - ☒ B. 75th
  - ☒ C. 55th
  - ☒ D. 58th

Question ID : 8970322561  
Status : Not Answered  
Chosen Option : --

Q.6 2019 बुकर पुरस्कार, संयुक्त रूप से मार्गरेट एटवुड और \_\_\_\_\_ द्वारा जीता गया था।

- Ans
- ☒ A. लूसी एलमन
  - ☒ B. चिगोजी ओबिओमा
  - ☒ C. एलिफ शफाक
  - ☒ D. बर्नार्डिन एवरिस्टो

Question ID : 8970322554  
Status : Answered  
Chosen Option : 4

Q.7 India's debutant \_\_\_\_\_ scripted history when she became the first Indian female boxer in 18 years to enter the finals of Women's World Boxing Championship in her maiden appearance.

- Ans
- ☒ A. Lovlina Borgohain
  - ☒ B. Mary Kom
  - ☒ C. Manju Rani
  - ☒ D. Jamuna Boro

Question ID : 8970322556  
Status : Answered  
Chosen Option : 3

Q.8 Name the river which originates in Madhya Pradesh and crosses the Tropic of Cancer twice.

- Ans
- ☒ A. Ghaggar
  - ☒ B. Luni
  - ☒ C. Banas
  - ☒ D. Mahi

Question ID : 8970322565  
Status : Not Answered

Chosen Option : --

Q.9 Mukesh Ambani topped 'Forbes' Richest Indian 2019' list while \_\_\_\_\_ secured the second position.

- Ans
- ☒ A. Samprada Singh
  - ☒ B. Uday Kotak
  - ☒ C. Pallonji Mistry
  - ☒ D. Gautam Adani

Question ID : 8970322559

Status : Answered

Chosen Option : 4

Q.10 Justice Inderjit Mahanty of Bombay High Court became Chief Justice of \_\_\_\_\_ High Court in October 2019.

- Ans
- ☒ A. Haryana
  - ☒ B. Punjab
  - ☒ C. Rajasthan
  - ☒ D. Allahabad

Question ID : 8970322563

Status : Not Answered

Chosen Option : --

Q.11 Which of the following name of a reptile is also a computer programming language?

- Ans
- ☒ A. Black Mamba
  - ☒ B. King Cobra
  - ☒ C. Black Viper
  - ☒ D. Python

Question ID : 8970322570

Status : Answered

Chosen Option : 4

Q.12 The Royal Swedish Academy of Sciences awarded the Nobel Prize in Economics 2019 to Indian-American Abhijit Banerjee, his wife, Esther Duflo, and Michael Kremer of United States for their 'experimental approach to alleviating \_\_\_\_\_.

- Ans
- ☒ A. global racism
  - ☒ B. global terrorism
  - ☒ C. global inequality
  - ☒ D. global poverty

Question ID : 8970322552

Status : Answered

Chosen Option : 3

Q.13 \_\_\_\_\_ earthquakes are produced due to sliding of rocks along a fault plane.

- Ans
- ☒ A. Tectonic
  - ☒ B. Volcanic
  - ☒ C. Explosive



 D. Collapse

Question ID : 8970322564

Status : Answered

Chosen Option : 4

Q.14 As per the Constitution of India, to be eligible for appointment as High Court Judge a person should have \_\_\_\_\_ years of experience of holding judicial office in India.

- Ans  A. 5  
 B. 10  
 C. 7  
 D. 3

Question ID : 8970322562

Status : Answered

Chosen Option : 3

Q.15 In October 2019, Prince William and Kate Middleton, Britain's Duke and Duchess of Cambridge, arrived in \_\_\_\_\_ upon the request of the United Kingdom Foreign and Commonwealth Office.

- Ans  A. Baluchistan  
 B. Nepal  
 C. Afghanistan  
 D. Pakistan

Question ID : 8970322553

Status : Answered

Chosen Option : 2

Q.16 During the lifetime of Gautam Buddha, \_\_\_\_\_ great Mahajanpadas existed in the 7th and early 6th centuries BC.





- Ans  A. 19  
 B. 13  
 C. 16  
 D. 17

Question ID : 8970322566

Status : Not Answered

Chosen Option : --

Q.17 भारत के 14 वर्षीय \_\_\_\_\_ अक्टूबर 2019 में विश्व युवा शतरंज चैम्पियनशिप के विजेता के रूप में उभरे। उन्होंने अंडर -18 ओपन वर्ग में स्वर्ण पदक जीता।

- Ans  A. स्टीफन पोगोसियान  
 B. आर प्रज्ञानंदनाथा  
 C. आइडिन सुलेमानली  
 D. रुदिक मकरियन

Question ID : 8970322557

Status : Answered

Chosen Option : 1

Q.18 The Swadeshi Movement was a consequence of the announcement of the partition of Bengal by \_\_\_\_.

- Ans ☒ A. Lord Mountbatten  
☒ B. Lord Curzon  
☒ C. Lord Ripon  
☒ D. Lord Wavell

Question ID : 8970322568  
Status : Answered  
Chosen Option : 2

Q.19 The 'India Sports Summit – Fitness: \$10 Billion Opportunity' was held on 10 October 2019 in \_\_\_\_.

- Ans ☒ A. Bengaluru  
☒ B. Mumbai  
☒ C. New Delhi  
☒ D. Ahmedabad

Question ID : 8970322555  
Status : Answered  
Chosen Option : 3

Q.20 Who was elected as the new president of Tunisia after a landslide victory in October 2019?

- Ans ☒ A. Beji Caid Essebsi  
☒ B. Kais Saied  
☒ C. Nabil Karoui  
☒ D. Zine El Abidine Ben Ali

Question ID : 8970322551  
Status : Answered  
Chosen Option : 4

Section : Reasoning

Q.1 Which of the following interchange of signs would make the equation correct?

$$15 + 5 \div 16 \times 3 - 10 = 41$$

- Ans ☒ A. + and -  
☒ B. + and ÷  
☒ C. × and ÷  
☒ D. × and -

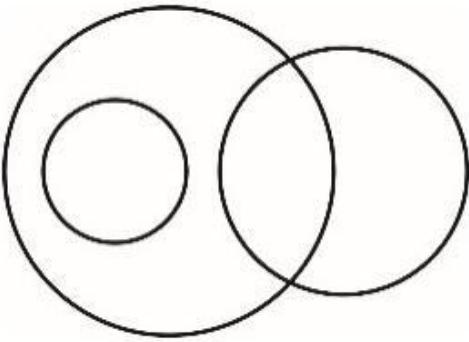
Question ID : 8970322580  
Status : Answered  
Chosen Option : 2

Q.2 Identify the Venn diagram that best represents the given item classes.

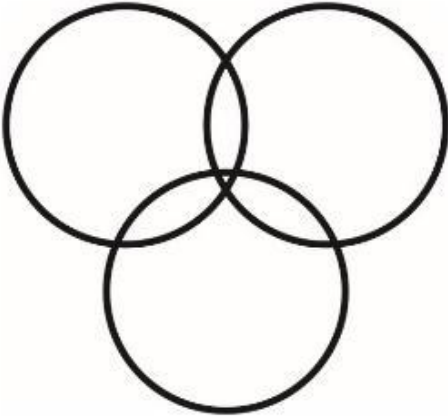
Cup, Plates, Cookers

Ans

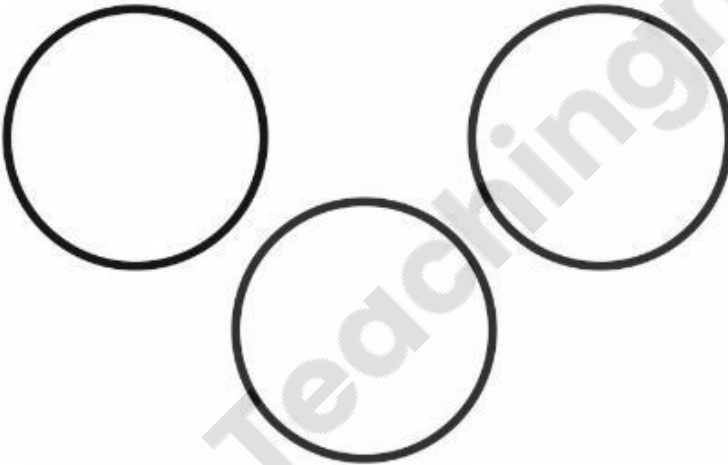
 A.



 B.



 C.



 D.



Question ID : 8970322588

Status : Answered

Chosen Option : 4

Q.3 Sachin and Anil are brothers. Nikita's daughter is sister of Sachin. How Anil's father is related to Sonam?

Ans

- ☒ A. Brother
- ☒ B. Husband
- ☒ C. Son in law
- ☒ D. Son

Question ID : 8970322584

Status : Not Answered

Chosen Option : --

Q.4 Given below is a question followed by two statements. Analyse and decide whether the question can be answered from the given statements.

Question: Who is Ram's father?

Statement I: Ram is brother of Sohan.

Statement II: Manoj is father of Sohan's sister Anu.

- Ans
- ☒ A. Statement I and II together are not sufficient
  - ☒ B. Statement I and II together are sufficient
  - ☒ C. Statement II alone is sufficient
  - ☒ D. Statement I alone is sufficient

Question ID : 8970322574

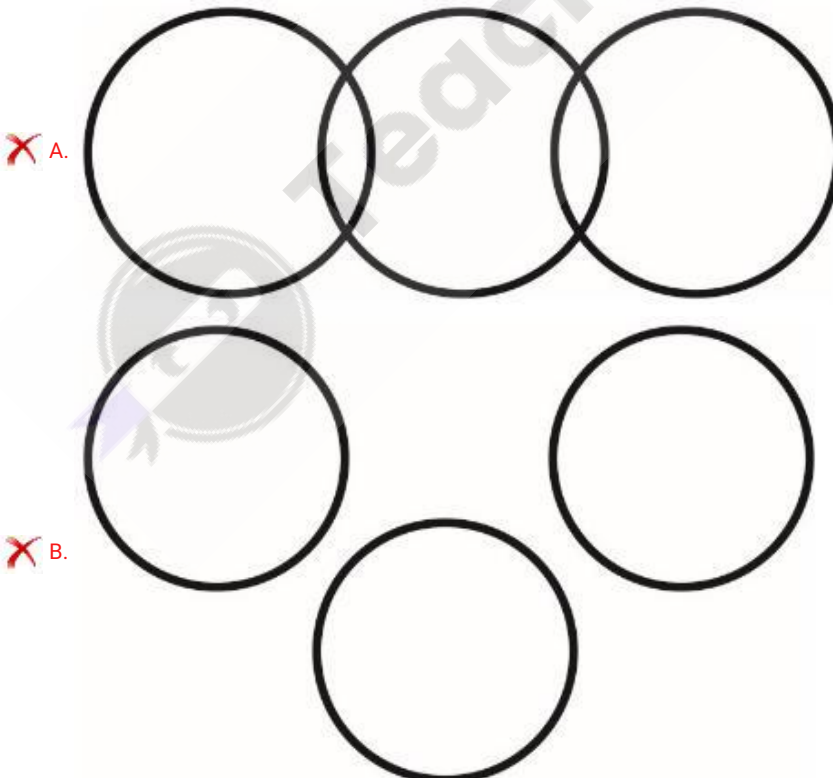
Status : Answered

Chosen Option : 2

Q.5 Identify the Venn diagram that best represents the given item classes.

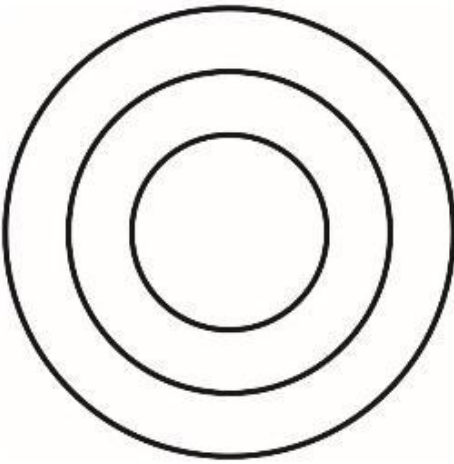
Birds, Nests, Eagle

Ans

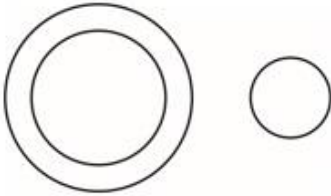




☒ C.



☒ D.



Question ID : 8970322590

Status : Answered

Chosen Option : 3

Q.6 Given below is a question followed by two statements. Analyse and decide whether the question can be answered from the given statements.

Question: What is the age of Prince?

Statement I: Prince is younger than Ramesh. Statement II: Sohan is elder brother than Prince

- Ans ☒ A. Statement II alone is sufficient  
☒ B. Statement I and II together are sufficient  
☒ C. Statement I and II together are not sufficient  
☒ D. Statement I alone is sufficient

Question ID : 8970322575

Status : Answered

Chosen Option : 3

Q.7 In a certain code GARMENT is written as TNEMGAR. How will REPLACE be written in that code?

- Ans ☒ A. ECALERP  
☒ B. EACLREP  
☒ C. ECALREP  
☒ D. ECALRPE

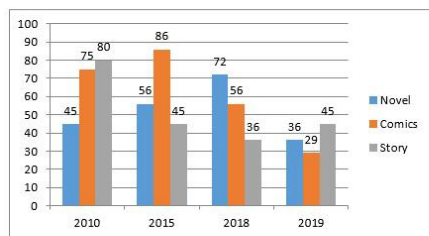
Question ID : 8970322583

Status : Answered

Chosen Option : 3

Q.8

The bar graph given below shows the sales of books (in thousand number) from three branches of a publishing company during the years.



Which books selling is maximum over the years?

- Ans ☒ A. Comics  
☒ B. Novel  
☒ C. Comics and Novel both  
☒ D. Story

Question ID : 8970322572

Status : Answered

Chosen Option : 1

Q.9 Study the following table and answer the questions based on it.

Production of different models of Mobile Phones of a Company (in Lakh) per annum over the given years.

	A	B	C	D
2004	45	75	40	70
2006	70	56	56	95
2008	78	82	79	65
2010	95	48	71	97

What is the average production (in lakh) of mobile phone 'C' over the given years?

- Ans ☒ A. 63.6  
☒ B. 49.9  
☒ C. 78.3  
☒ D. 61.5

Question ID : 8970322573

Status : Answered

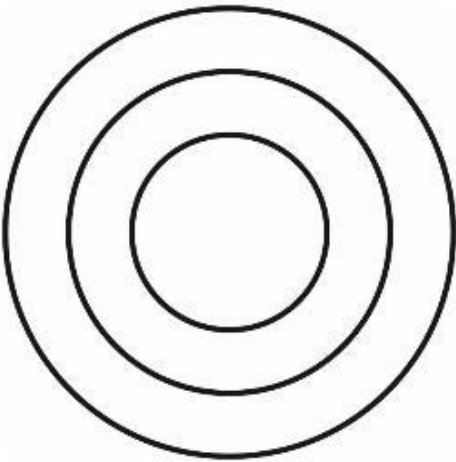
Chosen Option : 4

Q.10 Identify the Venn diagram that best represents the given item classes.

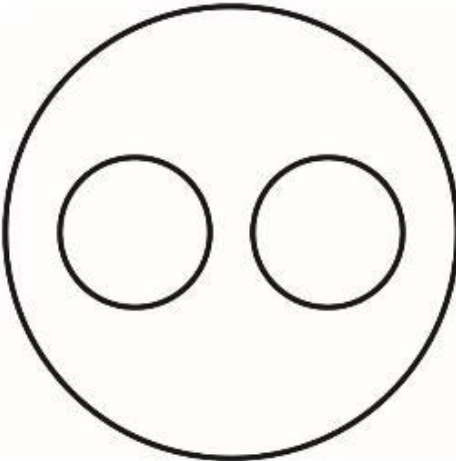
Cars, Vehicles, Motorcycles

Ans

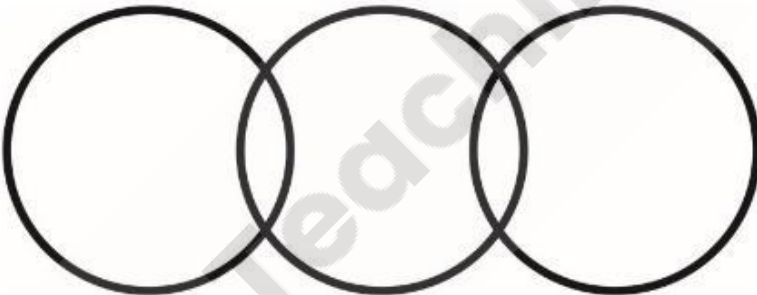
 A.



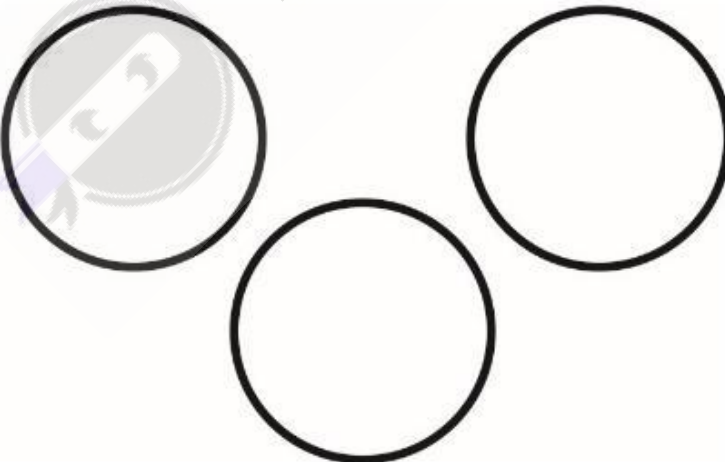
 B.



 C.



 D.



Question ID : 8970322587  
Status : Answered  
Chosen Option : 2

Q.11 Given below are two statements followed by two conclusions labelled I and II. Assuming that the information in the statement is true, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.

Statements: All blades are motors.  
All motors are jugs.

Conclusion I: All jugs are blades.  
Conclusion II: Some blades are jugs.

- Ans ☒ A. Neither conclusion I nor conclusion II follows  
☒ B. Only conclusion II follows  
☒ C. Both conclusions I and II follow  
☒ D. Only conclusion I follows

Question ID : 8970322585

Status : Answered

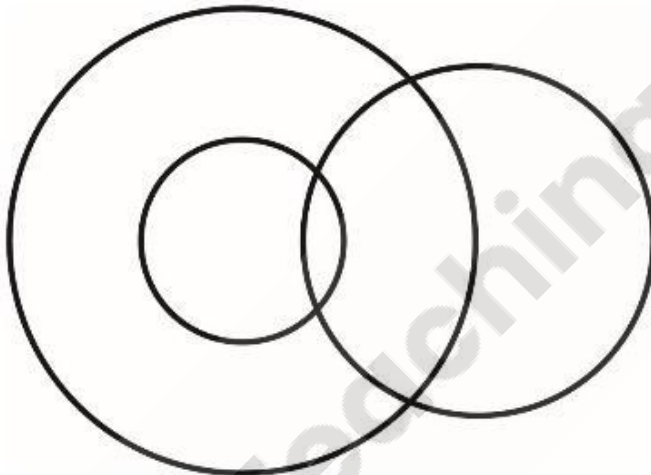
Chosen Option : 3

Q.12 Identify the Venn diagram that best represents the given item classes.

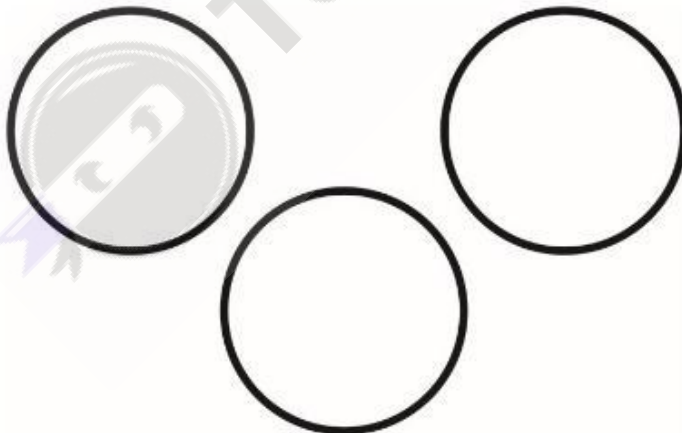
Pants, Shirts, Garments

Ans

☒ A.

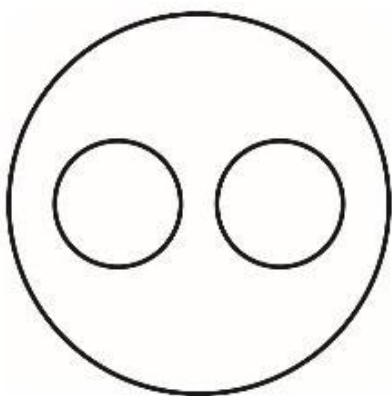


☒ B.

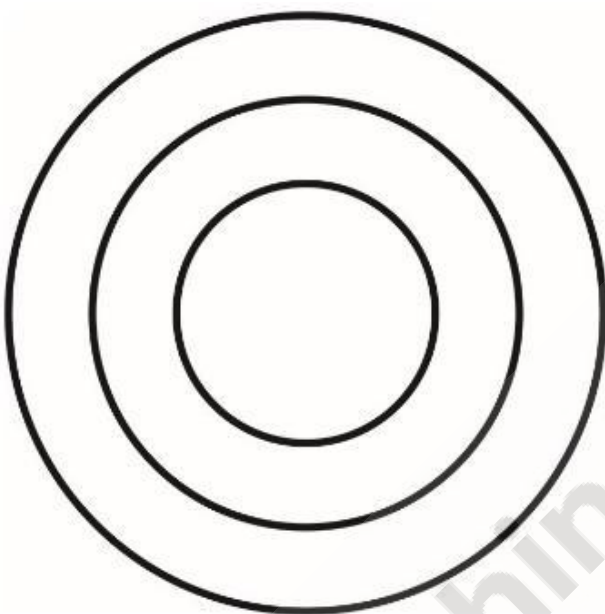




✓ C.



✗ D.



Question ID : 8970322589

Status : Answered

Chosen Option : 3

Q.13 Select the option that is related to the third word in the same way as the second word is related to the first word.

Force : Newton :: Potential : ?

Ans



A. Volt



B. Pascal



C. Mho



D. Ohm

Question ID : 8970322582

Status : Answered

Chosen Option : 1

Q.14 Select the option that will correctly replace the question marks (?) in the series.

113, 148, 176, 197, ?

Ans



A. 229



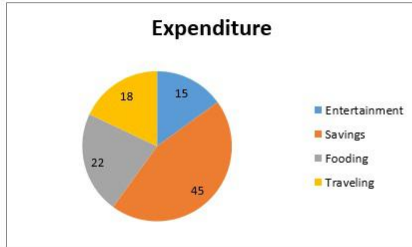
B. 227







C. 211

Question ID : 8970322579  
Status : Answered  
Chosen Option : 3

**Q.15** The following pie-chart shows the percentage distribution of the expenditure of a person per month. Study the pie-chart and the answer the question based on it.



If the person earns ₹25000 per month, what is his savings?

- Ans  A. ₹3750  
 B. ₹11250  
 C. ₹5500  
 D. ₹4500

Question ID : 8970322571  
Status : Answered  
Chosen Option : 2

**Q.16** Select the option that will correctly replace the question marks (?) in the series.



37, 52, 74, 103, ?

- Ans  A. 139  
 B. 145  
 C. 149  
 D. 119

Question ID : 8970322578  
Status : Answered  
Chosen Option : 1

**Q.17** Select the option that is related to the third word in the same way as the second word is related to the first word.

Frog : Croak :: Monkey : ?

- Ans  A. Chirp  
 B. Beat  
 C. Gibber  
 D. Mew

Question ID : 8970322581  
Status : Answered  
Chosen Option : 3

**Q.18** Select the option that will correctly replace the question mark (?) in the given series.

A, G, M, S, ?

- Ans
- ☒ A. Z
  - ☒ B. W
  - ☒ C. X
  - ☒ D. Y

Question ID : 8970322576

Status : Answered

Chosen Option : 4

Q.19 Select the option that will correctly replace the question mark (?) in the series.

BQ, DO, FM, HK, ?

- Ans
- ☒ A. JJ
  - ☒ B. JI
  - ☒ C. IJ
  - ☒ D. II

Question ID : 8970322577

Status : Answered

Chosen Option : 2

Q.20 Jyoti was facing North. She took left turn at 90° and walked 500 m, and then she took right turn and walked 450 m. Finally she took right and walked 900 m. Which direction she is facing now?

- Ans
- ☒ A. South
  - ☒ B. West
  - ☒ C. North
  - ☒ D. East

Question ID : 8970322586

Status : Answered

Chosen Option : 4

Section : General Hindi

Q.1 दिए गए पद्यांश के आधार पर प्रश्न संख्या 11 से 15 तक के उत्तर दीजिए—

द्रुत झरो जगत के जीर्ण पत्र!  
हे स्रस्त ध्वस्त ! हे शुष्क शीर्ण!  
हिम ताप पीत, मधुवात भीत,  
तुम वीतराग, जड़, पुराचीन !!  
निष्प्राण विगत युग ! मृत विहंग !  
जग नीड़ शब्द औ; श्वास हीन,  
च्युत, अस्त व्यस्त पंखों से तुम  
झर-झर अनंत में हो विलीन!  
कंकाल जाल जग में फैले  
फिर नवल रुधिर-पल्लव लाली।

‘द्रुत झरो जगत के जीर्ण पत्र’ में ‘जीर्ण पत्र’ का क्या अर्थ है।

- Ans
- ☒ A. पुरानी सोच
  - ☒ B. पीले पड़े हुए पत्ते
  - ☒ C. सड़ी-गली मान्यताएँ

☒ D. पुराना पत्र

Question ID : 8970322598  
Status : Answered  
Chosen Option : 1

Q.2 'कंकाल जाल जग में फैले' में उपस्थित अलंकार बताइए।

- Ans ☒ A. रूपक  
☒ B. श्लेष  
☒ C. उपमा  
☒ D. उत्प्रेक्षा

Question ID : 8970322600  
Status : Answered  
Chosen Option : 4

Q.3 निम्न में से सही विलोम युग्म हैं।

- Ans ☒ A. ग्रामीण-गँवई  
☒ B. विषयी-जितेंद्रिय  
☒ C. आगमन-आवाहन  
☒ D. कृष्ण-श्याम

Question ID : 8970322593  
Status : Answered  
Chosen Option : 2

Q.4 शब्द समूह के लिए एक शब्द दीजिए- 'जो अमिष नहीं खाता'।

- Ans ☒ A. निरामिष  
☒ B. मांसाहारी  
☒ C. सर्वाहारी  
☒ D. सामिष

Question ID : 8970322596  
Status : Not Answered  
Chosen Option : --

Q.5 'तुम वीतराग' का अर्थ स्पष्ट करें।

- Ans ☒ A. तुम अब प्रासंगिक नहीं रह गये  
☒ B. तुम गाये हुए गान हो  
☒ C. पुराने पड़ चुके राग हो  
☒ D. तुम बीते हुए समय हो

Question ID : 8970322599  
Status : Answered  
Chosen Option : 2

Q.6 निम्न में से विष्णु का पर्यायवाची कौन सा नहीं है।

- Ans ☒ A. अच्युत



- ☒ B. चक्रपाणि  
☒ C. गरुडध्वज  
☒ D. हिरण्यगर्भ

Question ID : 8970322591  
Status : Answered  
Chosen Option : 1

Q.7 'मन में ठानना' मुहावरे का अर्थ बताइए।

- Ans ☒ A. कल्पना करना  
☒ B. निश्चय करना  
☒ C. साहस करना  
☒ D. दुश्मनी बाँधना

Question ID : 8970322594  
Status : Answered  
Chosen Option : 2

Q.8 'समुद्र में लगने वाली आग' के लिए एक शब्द।

- Ans ☒ A. दावानल  
☒ B. अनल  
☒ C. बड़वानल  
☒ D. जठरानल

Question ID : 8970322597  
Status : Answered  
Chosen Option : 4

Q.9 कल हमारे नए घर में प्रवेश की पूजा है। रिक्त स्थान के लिए उचित पर्यायवाची का चयन कीजिए।

- Ans ☒ A. गृह  
☒ B. सदन  
☒ C. ग्रह  
☒ D. भवन

Question ID : 8970322592  
Status : Answered  
Chosen Option : 2

Q.10 'नाच न जाने आँगन टेढ़ा' लोकोक्ति का सही अर्थ होगा।

- Ans ☒ A. नाच न जानना  
☒ B. काम न जानना और बहाने बनाना  
☒ C. काम न करने का बहाना  
☒ D. दोष निकालना

Question ID : 8970322595  
Status : Answered  
Chosen Option : 2



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