

PSPCL JE

**Previous Year Paper
(Electrical & Electronics)
03 Feb, 2025**

PSPCL FEB 2025 Re Exam 03rd Feb 2025

Application No	
Candidate Name	
Roll No.	
Test Date	03/02/2025
Test Time	9:30 AM - 11:30 AM
Subject	JE Sub Station

Section : Electrical and Electronics

Q.1 A coil of resistance $100\ \Omega$ placed in magnetic field of 1mWb . The coil has 100 turns and a galvanometer of $400\ \Omega$ resistance is connected in series with it. Find the average e.m.f, if the coil is moved in $1/10^{\text{th}}$ second from the given field to a field strength of $0.2\ \text{mWb}$

- 1. $0.8\ \text{V}$
- 2. $1\ \text{V}$
- 3. $8\ \text{V}$
- 4. $0.08\ \text{V}$

Options 1. 1
2. 2
3. 3
4. 4

Question Type : MCQ
Question ID : 504624702
Option 1 ID : 5046242805
Option 2 ID : 5046242806
Option 3 ID : 5046242807
Option 4 ID : 5046242808
Status : Not Answered
Chosen Option : --

Q.2

Induction generator works between the slip

1. $1 < s < 2$
2. $0.1 < s < 1$
3. $s < 0.0$
4. $s > 2.0$

Options

1. 1
2. 2
3. 3
4. 4

Question Type : MCQ
Question ID : 504624714
Option 1 ID : 5046242853
Option 2 ID : 5046242854
Option 3 ID : 5046242855
Option 4 ID : 5046242856
Status : Answered
Chosen Option : 3

Q.3

When an input electrical signal $S = 10100$ is applied to a 'NOT' gate, its output signal is

1. 01011
2. 10101
3. 10100
4. 00101

Options

1. 1
2. 2
3. 3
4. 4

Question Type : MCQ
Question ID : 504624727
Option 1 ID : 5046242905
Option 2 ID : 5046242906
Option 3 ID : 5046242907
Option 4 ID : 5046242908
Status : Answered
Chosen Option : 1

Q.4

While calculating R_{th} , Constant current sources in the circuit are

1. replaced by 'Short Circuit'
2. replaced by 'Open Circuit'
3. treated in parallel with other voltage source
4. converted into equivalent voltage source

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624706

Option 1 ID : 5046242821

Option 2 ID : 5046242822

Option 3 ID : 5046242823

Option 4 ID : 5046242824

Status : Answered

Chosen Option : 2

Q.5

Multiplexed lower address and data bus are available both in

1. 8085 and MCS-51
2. 8086 and Z80
3. 6800 and AVR
4. 6800 and Z80

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624734

Option 1 ID : 5046242933

Option 2 ID : 5046242934

Option 3 ID : 5046242935

Option 4 ID : 5046242936

Status : Not Answered

Chosen Option : --

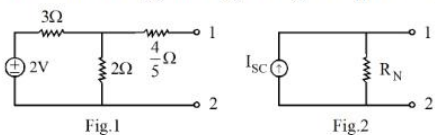
Q.6 At a particular instant an inductance of 1H carries a current of 5A, while the voltage across L is 1V. the energy stored in 'L' in Joules is

- 1. $\frac{1}{4}$
- 2. 25
- 3. $\frac{3}{2}$
- 4. $\frac{25}{2}$

- Options
- 1. 1
 - 2. 2
 - 3. 3
 - 4. 4

Question Type : MCQ
Question ID : 504624731
Option 1 ID : 5046242921
Option 2 ID : 5046242922
Option 3 ID : 5046242923
Option 4 ID : 5046242924
Status : Answered
Chosen Option : 4

Q.7 The Norton's equivalent of circuit shown in Fig.1 is drawn in the circuit shown in Fig.2
The value of I_{sc} and R_N in Fig.2 respectively will be



- 1. $\frac{5}{2}$ A, 2Ω
- 2. $\frac{2}{5}$ A, 1Ω
- 3. $\frac{4}{5}$ A, $\frac{12}{5}\Omega$
- 4. $\frac{2}{5}$ A, 2Ω

- Options
- 1. 1
 - 2. 2
 - 3. 3
 - 4. 4

Question Type : MCQ
Question ID : 504624705
Option 1 ID : 5046242817
Option 2 ID : 5046242818
Option 3 ID : 5046242819
Option 4 ID : 5046242820
Status : Answered
Chosen Option : 4

- Q.8** The compensating winding in a DC machine is
1. located in armature slots for compensation of the armature reaction.
 2. located on commutating poles for improving the commutation.
 3. located on pole shoes for avoiding the flashover at the commutator surface
 4. located on pole shoes to avoid the sparking at the brushes.

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **504624739**
Option 1 ID : **5046242953**
Option 2 ID : **5046242954**
Option 3 ID : **5046242955**
Option 4 ID : **5046242956**
Status : **Answered**
Chosen Option : **4**

- Q.9** A DC Shunt motor is running at 1200 rpm, when excited with 220V DC. Neglecting losses and saturation, the speed of the motor when connected to a 175 V DC supply is
1. 750 rpm
 2. 900 rpm
 3. 1050 rpm
 4. 1200 rpm

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **504624750**
Option 1 ID : **5046242997**
Option 2 ID : **5046242998**
Option 3 ID : **5046242999**
Option 4 ID : **5046243000**
Status : **Answered**
Chosen Option : **4**

Q.10 The voltage phasor of a circuit is $10\angle 15^\circ\text{V}$ and the current phasor is $2\angle -45^\circ\text{A}$. The active and the reactive powers in the circuit are

1. 10 W and 17.32 VAR
2. 5 W and 8.66 VAR
3. 20 W and 60 VAR
4. $20\sqrt{2}\text{W}$ & $10\sqrt{2}\text{ VAR}$

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **504624726**

Option 1 ID : **5046242901**

Option 2 ID : **5046242902**

Option 3 ID : **5046242903**

Option 4 ID : **5046242904**

Status : **Answered**

Chosen Option : **1**

Q.11 Improper biasing of a transistor circuit leads to _____

1. Excessive heat production in collector
2. Distortion in output signal
3. faulty location of load line
4. heavy loading of emitter terminal

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **504624738**

Option 1 ID : **5046242949**

Option 2 ID : **5046242950**

Option 3 ID : **5046242951**

Option 4 ID : **5046242952**

Status : **Answered**

Chosen Option : **2**

Q.12

The instrument used for measuring ac only is

1. PMMC type
2. Moving iron type
3. Deflection Ammeter type
4. Induction type

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624720

Option 1 ID : 5046242877

Option 2 ID : 5046242878

Option 3 ID : 5046242879

Option 4 ID : 5046242880

Status : Answered

Chosen Option : 4

Q.13

The output of a 2-input OR gate is 0 only when its

1. either input is 1
2. both inputs are 1
3. either input is 0
4. both inputs are 0

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624725

Option 1 ID : 5046242897

Option 2 ID : 5046242898

Option 3 ID : 5046242899

Option 4 ID : 5046242900

Status : Answered

Chosen Option : 4

Q.14

Which one of the following meters is an integrating type instrument?

1. Ammeter
2. Voltmeter
3. Wattmeter
4. Energy meter

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **504624743**

Option 1 ID : **5046242969**

Option 2 ID : **5046242970**

Option 3 ID : **5046242971**

Option 4 ID : **5046242972**

Status : **Answered**

Chosen Option : **4**

Q.15

Match the **LIST-I** with **LIST-II**

LIST-I (Application)		LIST-II (Type of motor)	
A.	Machine tools	I.	Squirrel cage motors
B.	Rolling mill drives	II.	D.C. Motors
C.	Paper industry	III.	Short time rated motors.
D.	Overhead travelling cranes	IV.	Squirrel cage motors with clutches, slip ring

Choose the **correct** answer from the options given below:

1. A-I, B-II, C-IV, D-III

2. A-II, B-I, C-III, D-IV

3. A-I, B-II, C-III, D-IV

4. A-III, B-IV, C-II, D-I

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **504624745**

Option 1 ID : **5046242977**

Option 2 ID : **5046242978**

Option 3 ID : **5046242979**

Option 4 ID : **5046242980**

Status : **Not Answered**

Chosen Option : --

Q.16 A $10\ \Omega$ resistor, a $15.9\ \text{mH}$ inductor and a $159\ \mu\text{F}$ capacitor are connected in parallel to a 200V , $50\ \text{Hz}$ source. What is the power factor?

- 1. 0.56 lag
- 2. 0.56 lead
- 3. 0.76 lead
- 4. 0.76 lag

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **504624747**

Option 1 ID : **5046242985**

Option 2 ID : **5046242986**

Option 3 ID : **5046242987**

Option 4 ID : **5046242988**

Status : **Answered**

Chosen Option : **4**

Q.17 In a series RLC circuit, the capacitance is changed from C to $4C$. For the same resonant frequency, the inductance should be changed from L to _____

- 1. $2L$
- 2. $\frac{L}{2}$
- 3. $4L$
- 4. $\frac{L}{4}$

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **504624740**

Option 1 ID : **5046242957**

Option 2 ID : **5046242958**

Option 3 ID : **5046242959**

Option 4 ID : **5046242960**

Status : **Answered**

Chosen Option : **4**

Q.18

In a forward region of its characteristics a diode appears as

1. an OFF switch
2. an ON Switch
3. high resistance
4. a capacitor

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 504624729

Option 1 ID : 5046242913

Option 2 ID : 5046242914

Option 3 ID : 5046242915

Option 4 ID : 5046242916

Status : Answered

Chosen Option : 2

Q.19

A 220V d.c. Motor having an armature resistance of 0.8Ω draws an armature current of 25 A. What will be the value of back e.m.f induced?

1. 240 V
2. 220 V
3. 200 V
4. 208 V

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 504624708

Option 1 ID : 5046242829

Option 2 ID : 5046242830

Option 3 ID : 5046242831

Option 4 ID : 5046242832

Status : Answered

Chosen Option : 3

Q.20 If the no load voltage of a certain generator is 210 V and the rated voltage is 200 V, then the voltage regulation is

- 1. 5%
- 2. 15%
- 3. 2.5%
- 4. 10%

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**
Question ID : **504624748**
Option 1 ID : **5046242989**
Option 2 ID : **5046242990**
Option 3 ID : **5046242991**
Option 4 ID : **5046242992**
Status : **Answered**
Chosen Option : **1**

Q.21

Match the **LIST-I** with **LIST-II**

LIST-I (Type)		LIST-II (Application)	
A.	Power transformer	I.	Thyristor firing circuits
B.	Distribution transformer	II.	Impedance matching
C.	Pulse transformer	III.	At different city localities
D.	Audio-frequency transformer	IV.	At generating stations

Choose the **correct** answer from the options given below:

1. A-III, B-II, C-I, D-IV
2. A-IV, B-III, C-I, D-II
3. A-IV, B-I, C-II, D-III
4. A-IV, B-III, C-II, D-I

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624707

Option 1 ID : 5046242825

Option 2 ID : 5046242826

Option 3 ID : 5046242827

Option 4 ID : 5046242828

Status : Answered

Chosen Option : 2

Q.22

Match the **LIST-I** with **LIST-II**

LIST-I (System)		LIST-II (Input)	
A.	Thermocouple	I.	Temperature
B.	Electric generator	II.	Acceleration
C.	Accelerometer	III.	Temperature difference
D.	Thermistor	IV.	Rotating torque

Choose the **correct** answer from the options given below:

1. A-III, B-IV, C-II, D-I

2. A-II, B-I, C-III, D-IV

3. A-IV, B-I, C-II, D-III

4. A-I, B-III, C-II, D-IV

- Options 1. 1
2. 2
3. 3
4. 4

Question Type : MCQ
Question ID : 504624711
Option 1 ID : 5046242841
Option 2 ID : 5046242842
Option 3 ID : 5046242843
Option 4 ID : 5046242844
Status : Answered
Chosen Option : 1

Q.23

In a series circuit containing pure resistance and pure inductance, the current and voltage are expressed as

$$i(t) = 5 \sin \left(314t + \frac{2\pi}{3} \right)$$

$$v(t) = 15 \sin \left(314t + \frac{5\pi}{6} \right),$$

The impedance of the circuit is

1. $3 \, \Omega$
2. $2.6 \, \Omega$
3. $4 \, \Omega$
4. $1.5 \, \Omega$

Options

1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **504624741**

Option 1 ID : **5046242961**

Option 2 ID : **5046242962**

Option 3 ID : **5046242963**

Option 4 ID : **5046242964**

Status : **Answered**

Chosen Option : **1**

Q.24

Match the **LIST-I** with **LIST-II**

LIST-I (Motor)		LIST-II (Characteristics)	
A.	Cumulatively compounded motor	I.	Fairly constant speed
B.	Differentially compounded motor	II.	It may start in reverse direction
C.	Series motor	III.	Definite no load speed
D.	Shunt motor	IV.	Never started without load

Choose the **correct** answer from the options given below:

- 1. A-III, B-II, C-IV, D-I
- 2. A-III, B-II, C-I, D-IV
- 3. A-I, B-IV, C-III, D-II
- 4. A-I, B-IV, C-II, D-III

- Options 1. 1
2. 2
3. 3
4. 4

Question Type : MCQ
Question ID : 504624710
Option 1 ID : 5046242837
Option 2 ID : 5046242838
Option 3 ID : 5046242839
Option 4 ID : 5046242840
Status : Answered
Chosen Option : 1

Q.25

Stored energy of capacitance is dependent upon its

1. Voltage only
2. Voltage and history of Current
3. Current only
4. Current and history of Voltage

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624701

Option 1 ID : 5046242801

Option 2 ID : 5046242802

Option 3 ID : 5046242803

Option 4 ID : 5046242804

Status : Answered

Chosen Option : 1

Q.26

During load shedding

1. System voltage is reduced
2. System frequency is reduced
3. System power factor is changed
4. Some loads are switched off

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624737

Option 1 ID : 5046242945

Option 2 ID : 5046242946

Option 3 ID : 5046242947

Option 4 ID : 5046242948

Status : Answered

Chosen Option : 4

Q.27 When the pointer of an indicating instrument comes to rest in the final deflected position

- 1. only deflecting torque acts.
- 2. only controlling torque acts.
- 3. neither deflecting nor controlling torques act.
- 4. both deflecting and controlling torques act.

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **504624742**

Option 1 ID : **5046242965**

Option 2 ID : **5046242966**

Option 3 ID : **5046242967**

Option 4 ID : **5046242968**

Status : **Answered**

Chosen Option : **4**

Q.28 Permeance of a magnetic circuit is given by the reciprocal of its

- 1. Permeability
- 2. Flux density
- 3. Conductivity
- 4. Reluctance

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **504624712**

Option 1 ID : **5046242845**

Option 2 ID : **5046242846**

Option 3 ID : **5046242847**

Option 4 ID : **5046242848**

Status : **Answered**

Chosen Option : **4**

Q.29 In a balanced star-connected system, line voltages are _____ ahead of their respective phase voltages.

- 1. 30°
- 2. 60°
- 3. 120°
- 4. 90°

- Options**
- 1. 1
 - 2. 2
 - 3. 3
 - 4. 4

Question Type : **MCQ**
Question ID : **504624723**
Option 1 ID : **5046242889**
Option 2 ID : **5046242890**
Option 3 ID : **5046242891**
Option 4 ID : **5046242892**
Status : **Answered**
Chosen Option : 1

Q.30 The function of oil in a transformer is to provide

- 1. Insulation and cooling
- 2. Protection against lightning
- 3. Protection against short-circuit
- 4. Lubrication

- Options**
- 1. 1
 - 2. 2
 - 3. 3
 - 4. 4

Question Type : **MCQ**
Question ID : **504624715**
Option 1 ID : **5046242857**
Option 2 ID : **5046242858**
Option 3 ID : **5046242859**
Option 4 ID : **5046242860**
Status : **Answered**
Chosen Option : 1

Q.31 A single phase half wave rectifier supplies power to a 1 kΩ load. The sinusoidal a.c. supply has an r.m.s. value of 200V. The step down transformer has a turn ratio $\frac{N_1}{N_2} = 10$. Neglecting forward resistance of a diode, what is the d.c. voltage across the load?

- 1. 6V
- 2. 10V
- 3. 0.9V
- 4. 9V

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **504624732**
Option 1 ID : **5046242925**
Option 2 ID : **5046242926**
Option 3 ID : **5046242927**
Option 4 ID : **5046242928**
Status : **Answered**
Chosen Option : **4**

Q.32 An immersion heater takes 1 hour to heat 50 kg of water from 20°C to its boiling point. Calculate the power rating of the heater, assuming the heating equipment to have an efficiency of 90%

- 1. 4.65 kW
- 2. 5.167 kW
- 3. 3 kW
- 4. 51.67 kW

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **504624744**
Option 1 ID : **5046242973**
Option 2 ID : **5046242974**
Option 3 ID : **5046242975**
Option 4 ID : **5046242976**
Status : **Not Answered**
Chosen Option : **--**

Q.33 A Parallel - Plate capacitor is connected to a dc source. Now the Plates are allowed to move a small displacement under the influence of force of attraction between the two plates. As a result:

- A. Charge on the plate increases
- B. Charge on plates remains constant
- C. Energy stored increases
- D. Electrical field intensity is unchanged
- E. Flux density increases

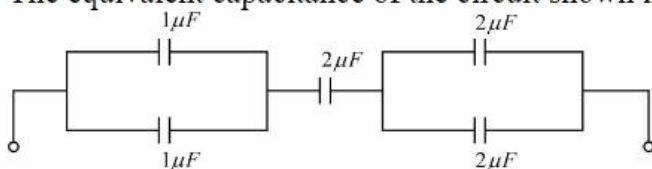
Choose the **correct** answer from the options given below:

- 1. A, C and E Only
- 2. A, C and D Only
- 3. B, D and E Only
- 4. B, C and D Only

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **504624713**
Option 1 ID : **5046242849**
Option 2 ID : **5046242850**
Option 3 ID : **5046242851**
Option 4 ID : **5046242852**
Status : **Not Answered**
Chosen Option : --

Q.34 The equivalent capacitance of the circuit shown in figure, will be



- 1. $0.8\mu F$
- 2. $0.4\mu F$
- 3. $1.25\mu F$
- 4. $0.6\mu F$

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **504624746**
Option 1 ID : **5046242981**
Option 2 ID : **5046242982**
Option 3 ID : **5046242983**
Option 4 ID : **5046242984**
Status : **Answered**
Chosen Option : 1

Q.35

Average value of half wave rectified AC is

1. $\frac{I_m}{\pi}$

2. $\frac{I_m}{\sqrt{2}}$

3. $\frac{I_m}{2}$

4. I_m

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624703

Option 1 ID : 5046242809

Option 2 ID : 5046242810

Option 3 ID : 5046242811

Option 4 ID : 5046242812

Status : Answered

Chosen Option : 1

Q.36

After counting 0, 1, 10, 11 the next binary number is

1. 12

2. 100

3. 101

4. 110

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624724

Option 1 ID : 5046242893

Option 2 ID : 5046242894

Option 3 ID : 5046242895

Option 4 ID : 5046242896

Status : Answered

Chosen Option : 2

Q.37 A 24 Volt, 600 mW Zener diode is to be used for providing a 24 V stabilized supply to a variable load. The input voltage is 32 V. Calculate series resistance required.

- 1. 320 Ω
- 2. 96 Ω
- 3. 240 Ω
- 4. 600 Ω

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **504624730**

Option 1 ID : **5046242917**

Option 2 ID : **5046242918**

Option 3 ID : **5046242919**

Option 4 ID : **5046242920**

Status : **Answered**

Chosen Option : **1**

Q.38 In all Induction instruments, deflection torque is produced due to the reaction between

- 1. two eddy currents
- 2. two alternating fluxes
- 3. flux and eddy current
- 4. voltage and current

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **504624719**

Option 1 ID : **5046242873**

Option 2 ID : **5046242874**

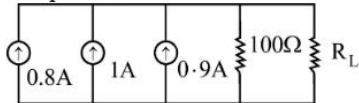
Option 3 ID : **5046242875**

Option 4 ID : **5046242876**

Status : **Answered**

Chosen Option : **4**

Q.39 Determine the value of R_L of given Figure for maximum power transfer and evaluate this power



1. 100 Ω , 182.25 Watts
2. 50 Ω , 18.225 Watts
3. 100 Ω , 27 Watts
4. 25 Ω , 270 Watts

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **504624722**

Option 1 ID : **5046242885**

Option 2 ID : **5046242886**

Option 3 ID : **5046242887**

Option 4 ID : **5046242888**

Status : **Answered**

Chosen Option : **1**

Q.40 While measuring power of a three phase balanced load by the two-wattmeter method, the readings are 100W and 250W. The power factor of the load is

1. 0.901
2. 0.751
3. 0.821
4. 0.802

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **504624709**

Option 1 ID : **5046242833**

Option 2 ID : **5046242834**

Option 3 ID : **5046242835**

Option 4 ID : **5046242836**

Status : **Answered**

Chosen Option : **1**

Q.41

The most common type of fault is

1. single-phase to ground
2. phase-to-phase
3. two-phase-to-ground
4. three-phase-to-ground

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 504624736

Option 1 ID : 5046242941

Option 2 ID : 5046242942

Option 3 ID : 5046242943

Option 4 ID : 5046242944

Status : Answered

Chosen Option : 1

Q.42

A coil of resistance 'R' and inductance 'L' is connected in parallel with a capacitor 'C' across an ac supply. At resonance :

- A. the impedance of the circuit is maximum
- B. the susceptance of the circuit is zero
- C. the circuit behaves like a pure resistance of value 'R'
- D. the circuit behaves like a pure resistance of value 'L/R'

Choose the **correct** answer from the options given below:

1. B, D Only
2. A, B Only
3. B, C Only
4. A, B, D Only

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 504624749

Option 1 ID : 5046242993

Option 2 ID : 5046242994

Option 3 ID : 5046242995

Option 4 ID : 5046242996

Status : Not Answered

Chosen Option : --

Q.43 In a test run of 20 minutes duration, an Ah meter was found to register 0.753 kWh. When a constant current of 10 amp was passed, if the meter is to be used on a 220V supply line, find the error.

- 1. 2.7%
- 2. 27%
- 3. 0.27%
- 4. 0.027%

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **504624718**
Option 1 ID : **5046242869**
Option 2 ID : **5046242870**
Option 3 ID : **5046242871**
Option 4 ID : **5046242872**
Status : **Answered**
Chosen Option : **4**

Q.44 The angle ' δ ' in the swing equation of a synchronous generator is the

- 1. angle between stator voltage and current
- 2. angular displacement of the rotor with respect to the stator
- 3. angular displacement of the stator mmf with respect to a synchronous rotating axis
- 4. angular displacement of an axis fixed to the rotor with respect to a synchronously rotating axis.

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **504624721**
Option 1 ID : **5046242881**
Option 2 ID : **5046242882**
Option 3 ID : **5046242883**
Option 4 ID : **5046242884**
Status : **Not Answered**
Chosen Option : **--**

Q.45 Two wattmeters are used to measure the power in a 3-phase balanced system. What is the power factor of the load when one wattmeter reads twice the other?

- 1. 0
- 2. 0.5
- 3. 0.866
- 4. 1

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **504624733**
Option 1 ID : **5046242929**
Option 2 ID : **5046242930**
Option 3 ID : **5046242931**
Option 4 ID : **5046242932**
Status : **Answered**
Chosen Option : **3**

Q.46 In dc machines:

- A. Reactance voltage is proportional to armature current
- B. Reactance voltage is proportional to core length
- C. Reactance voltage is due to self-flux of the coil undergoing commutation
- D. Armature-cross flux is neutralized by interpolar flux
- E. Interpolar mmf is more than the armature mmf in the Inter Polar Zone

Choose the **correct** answer from the options given below:

- 1. A, B and E Only
- 2. A, B, C and D Only
- 3. B, C and D Only
- 4. B, C, D and E Only

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **504624716**
Option 1 ID : **5046242861**
Option 2 ID : **5046242862**
Option 3 ID : **5046242863**
Option 4 ID : **5046242864**
Status : **Answered**
Chosen Option : **1**

Q.47

The magnetizing force produced by a solenoid depends on.

- A. the number of its turns
- B. its length
- C. the current carried by it
- D. voltage applied across

Choose the **correct** answer from the options given below:

- 1. A and B Only
- 2. A, B and C Only
- 3. A and D Only
- 4. C and D Only

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **504624704**

Option 1 ID : **5046242813**

Option 2 ID : **5046242814**

Option 3 ID : **5046242815**

Option 4 ID : **5046242816**

Status : **Answered**

Chosen Option : **2**

Q.48

The d.c. output voltage of a Bridge rectifier having a total secondary Peak Voltage of 100 V is ____

- 1. 63.6 V
- 2. 31.8 V
- 3. 90 V
- 4. 70.7 V

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **504624728**

Option 1 ID : **5046242909**

Option 2 ID : **5046242910**

Option 3 ID : **5046242911**

Option 4 ID : **5046242912**

Status : **Answered**

Chosen Option : **3**

Q.49

‘Sleep’ and ‘Idle’ modes are offered in micro controllers for

1. Serial communications
2. I/O configuration
3. Memory management
4. Power management

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624735

Option 1 ID : 5046242937

Option 2 ID : 5046242938

Option 3 ID : 5046242939

Option 4 ID : 5046242940

Status : Answered

Chosen Option : 4

Q.50

A hollow sphere is charged to 12 μC of electricity. Find the potential inside the sphere.
The radius of sphere is 0.1 meter.

1. 10.8 V
2. 108 V
3. 108×10^4 V
4. 12 V

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624717

Option 1 ID : 5046242865

Option 2 ID : 5046242866

Option 3 ID : 5046242867

Option 4 ID : 5046242868

Status : Answered

Chosen Option : 3

Q.51

ਸਹੀ ਜੁੱਟ ਦੀ ਚੋਣ ਕਰੋ:

- A. ਪ - ਵਰਗ - ਭ
- B. ਟ - ਵਰਗ - ਠ
- C. ਮੁੱਖ ਵਰਗ - ਗ
- D. ਅੰਤਿਮ ਵਰਗ - ਬ

ਹੇਠ ਲਿਖਿਆਂ ਵਿਚੋਂ ਸਹੀ ਵਿਕਲਪ ਚੁਣੋ:

- 1. ਸਿਰਫ਼ B, C
- 2. ਸਿਰਫ਼ C, D
- 3. ਸਿਰਫ਼ A, D
- 4. ਸਿਰਫ਼ A, B

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624766

Option 1 ID : 5046243061

Option 2 ID : 5046243062

Option 3 ID : 5046243063

Option 4 ID : 5046243064

Status : Answered

Chosen Option : 4

Q.52

ਸੂਚੀ-I ਦਾ ਸੂਚੀ-II ਨਾਲ ਮਿਲਾਣ ਕਰੋ:

ਸੂਚੀ-I		ਸੂਚੀ-II	
A.	ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ	I.	ਗੁਰਮੁਖੀ ਲਿਪੀ ਦੀ ਸੋਧ
B.	ਗੁਰੂ ਅੰਗਦ ਦੇਵ ਜੀ	II.	ਧਰਮ ਦੀ ਰਾਖੀ ਲਈ ਅਦੁੱਤੀ ਸ਼ਹਾਦਤ
C.	ਗੁਰੂ ਤੇਗ਼ ਬਹਾਦਰ ਜੀ	III.	ਗੁਰੂ ਕਾ ਚੱਕ (ਅੰਮ੍ਰਿਤਸਰ) ਦੀ ਸਥਾਪਨਾ
D.	ਗੁਰੂ ਰਾਮ ਦਾਸ ਜੀ	IV.	ਸੰਗਤ ਅਤੇ ਪੰਗਤ ਦੀ ਸਥਾਪਨਾ

ਹੇਠ ਲਿਖਿਆਂ ਵਿਚੋਂ ਸਹੀ ਵਿਕਲਪ ਚੁਣੋ:

- 1. A-II, B-I, C-IV, D-III
- 2. A-III, B-II, C-I, D-IV
- 3. A-I, B-IV, C-III, D-II
- 4. A-IV, B-I, C-II, D-III

- Options 1. 1
2. 2
3. 3
4. 4

Question Type : MCQ
Question ID : 504624767
Option 1 ID : 5046243065
Option 2 ID : 5046243066
Option 3 ID : 5046243067
Option 4 ID : 5046243068
Status : Answered
Chosen Option : 4

Q.53

ਹੇਠ ਲਿਖੇ ਅੰਕਾਂ ਦੀ ਸਹੀ ਤਰਤੀਬ ਹੈ:

- A. ਉਨਾਨਵੇਂ
- B. ਉਨੱਤਰ
- C. ਉਨਾਸੀ
- D. ਉਨਤਾਲੀ

ਹੇਠ ਲਿਖਿਆਂ ਵਿਚੋਂ ਸਹੀ ਵਿਕਲਪ ਚੁਣੋ:

- 1. A, B, C, D
- 2. B, C, D, A
- 3. C, D, A, B
- 4. D, B, C, A

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624761

Option 1 ID : 5046243041

Option 2 ID : 5046243042

Option 3 ID : 5046243043

Option 4 ID : 5046243044

Status : Answered

Chosen Option : 4

Q.54

“ਭੰਗ ਭੁੱਜਣਾ” ਮੁਹਾਵਰੇ ਦਾ ਸਹੀ ਅਰਥ ਕਿਹੜਾ ਹੈ?

1. ਤਬਾਹੀ ਹੋਣਾ
2. ਭੰਗ ਭੁੰਨਕੇ ਖਾਣਾ
3. ਨਸ਼ੇ ਕਰਨਾ
4. ਘੋਰ ਗ਼ਰੀਬੀ ਹੋਣਾ

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624753

Option 1 ID : 5046243009

Option 2 ID : 5046243010

Option 3 ID : 5046243011

Option 4 ID : 5046243012

Status : Not Answered

Chosen Option : --

Q.55

ਹੇਠ ਲਿਖੇ ਦੇਸੀ ਮਹੀਨਿਆਂ ਦਾ ਸਹੀ ਕ੍ਰਮ ਦੱਸੋ:

- A. ਮਾਘ
- B. ਅੱਸੂ
- C. ਸਾਉਣ
- D. ਭਾਦੋਂ

ਹੇਠ ਲਿਖਿਆਂ ਵਿਚੋਂ ਸਹੀ ਵਿਕਲਪ ਚੁਣੋ:

- 1. A, B, C, D
- 2. B, C, A, D
- 3. C, D, B, A
- 4. D, A, B, C

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624759

Option 1 ID : 5046243033

Option 2 ID : 5046243034

Option 3 ID : 5046243035

Option 4 ID : 5046243036

Status : Answered

Chosen Option : 3

Q.56

ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਪੰਜਾਬੀ ਦੀਆਂ ਉਪਭਾਸ਼ਾਵਾਂ ਦੀ ਪਛਾਣ ਕਰੋ:

- A. ਪੁਆਧੀ
- B. ਭੋਜਪੁਰੀ
- C. ਮਾਝੀ
- D. ਅਵਧੀ

ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਸਹੀ ਵਿਕਲਪ ਚੁਣੋ:

- 1. ਸਿਰਫ਼ B, A
- 2. ਸਿਰਫ਼ B, D
- 3. ਸਿਰਫ਼ A, C
- 4. ਸਿਰਫ਼ A, D

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624764

Option 1 ID : 5046243053

Option 2 ID : 5046243054

Option 3 ID : 5046243055

Option 4 ID : 5046243056

Status : Answered

Chosen Option : 3

Q.57

ਪੰਜਾਬ ਰਾਜ ਦਾ ਪੁਨਰਗਠਨ ਕਿਹੜੇ ਸੰਨ ਵਿੱਚ ਹੋਇਆ?

1. 1958
2. 1947
3. 1966
4. 1850

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 504624751

Option 1 ID : 5046243001

Option 2 ID : 5046243002

Option 3 ID : 5046243003

Option 4 ID : 5046243004

Status : Answered

Chosen Option : 3

Q.58

ਹੇਠ ਲਿਖੇ ਵਿਰੋਧੀ ਸ਼ਬਦਾਂ ਵਿੱਚੋਂ ਸਹੀ ਜੁੱਟ ਪਛਾਣੋ:

1. ਹੱਸਣਾ - ਦੋੜਨਾ
2. ਸੁੰਗੜਨਾ - ਖਿਲਰਨਾ
3. ਸੰਜੋਗ - ਹਰਾਮ
4. ਓਪਰਾ - ਪ੍ਰਤੀਕੂਲ

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 504624758

Option 1 ID : 5046243029

Option 2 ID : 5046243030

Option 3 ID : 5046243031

Option 4 ID : 5046243032

Status : Answered

Chosen Option : 3

Q.59 ਕਿਸੇ ਵਾਕ ਵਿੱਚ ਨਾਂਵ ਜਾਂ ਪੜਨਾਂਵ ਦਾ ਹੋਰਨਾਂ ਸ਼ਬਦਾਂ ਨਾਲ ਸੰਬੰਧ ਪ੍ਰਗਟ ਕਰਨ ਵਾਲੇ ਰੂਪਾਂ ਨੂੰ ਕੀ ਕਿਹਾ ਜਾਂਦਾ ਹੈ:

- 1. ਕਰਤਾ
- 2. ਕਾਰਕ
- 3. ਕਰਮ
- 4. ਵਿਸਮਿਕ

Options 1. 1
2. 2
3. 3
4. 4

Question Type : MCQ
Question ID : 504624752
Option 1 ID : 5046243005
Option 2 ID : 5046243006
Option 3 ID : 5046243007
Option 4 ID : 5046243008
Status : Answered
Chosen Option : 2

Q.60

ਸੂਚੀ-I ਦਾ ਸੂਚੀ-II ਨਾਲ ਮਿਲਾਣ ਕਰੋ:

ਸੂਚੀ-I		ਸੂਚੀ-II	
A.	ਉਹ ਥਾਂ ਜਿੱਥੇ ਪਹਿਲਵਾਨ ਘੋਲ ਕਰਦੇ ਹਨ	I.	ਜਮਾਂਦਰੂ
B.	ਚਰਖਾ ਕੱਤਣ ਵਾਲੀਆਂ ਕੁੜੀਆਂ ਦਾ ਇਕੱਠ	II.	ਨਿਰਦਈ
C.	ਜਿਹੜਾ ਗੁਣ-ਔਗੁਣ ਜਨਮ ਤੋਂ ਹੋਵੇ	III.	ਤਿੰਦਣ
D.	ਉਹ ਆਦਮੀ ਜਿਸ ਵਿਚ ਦਇਆ ਦੀ ਭਾਵਨਾ ਨਾ ਹੋਵੇ	IV.	ਅਖਾੜਾ

ਹੇਠ ਲਿਖਿਆਂ ਵਿਚੋਂ ਸਹੀ ਵਿਕਲਪ ਚੁਣੋ:

- 1. A-IV, B-III, C-I, D-II
- 2. A-II, B-I, C-III, D-IV
- 3. A-I, B-II, C-IV, D-III
- 4. A-III, B-I, C-II, D-IV

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624769

Option 1 ID : 5046243073

Option 2 ID : 5046243074

Option 3 ID : 5046243075

Option 4 ID : 5046243076

Status : Answered

Chosen Option : 1

Q.61

ਸੂਚੀ-I ਦਾ ਸੂਚੀ-II ਨਾਲ ਮਿਲਾਣ ਕਰੋ:

ਸੂਚੀ-I		ਸੂਚੀ-II	
A.	ਹਾਥੀ	I.	ਯੋਜਕ
B.	ਤਾਂ	II.	ਵਿਸ਼ੇਸ਼ਣ
C.	ਖੂਬਸੂਰਤ	III.	ਨਾਂਵ
D.	ਪੜ੍ਹਨਾ	IV.	ਕਿਰਿਆ

ਹੇਠ ਲਿਖਿਆਂ ਵਿਚੋਂ ਸਹੀ ਵਿਕਲਪ ਚੁਣੋ:

1. A-I, B-III, C-IV, D-II

2. A-III, B-I, C-II, D-IV

3. A-II, B-I, C-III, D-IV

4. A-IV, B-II, C-I, D-III

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624770

Option 1 ID : 5046243077

Option 2 ID : 5046243078

Option 3 ID : 5046243079

Option 4 ID : 5046243080

Status : Answered

Chosen Option : 2

Q.62

ਹੇਠ ਲਿਖੇ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ 'ਬਦ' ਅਗੇਤਰ ਨਾਲ ਬਣਿਆ ਸਹੀ ਸ਼ਬਦ ਚੁਣੋ:

1. ਬਦਨਾਮ

2. ਬਦਲਾ

3. ਬੇਦਖਲ

4. ਬਦਲ

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624754

Option 1 ID : 5046243013

Option 2 ID : 5046243014

Option 3 ID : 5046243015

Option 4 ID : 5046243016

Status : Answered

Chosen Option : 1

Q.63

ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਸਹੀ ਵਾਕ ਚੁਣੋ:

- A. ਗੁਰੂ ਤੇਗ਼ ਬਹਾਦਰ ਜੀ ਦਾ ਜਨਮ 1720 ਈ. ਵਿੱਚ ਹੋਇਆ।
- B. ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ ਦਾ ਜਨਮ 1469 ਈ. ਵਿੱਚ ਹੋਇਆ।
- C. ਗੁਰੂ ਰਾਮ ਦਾਸ ਜੀ ਦਾ ਜਨਮ 1534 ਈ. ਵਿੱਚ ਹੋਇਆ।
- D. ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ ਦਾ ਜਨਮ 1584 ਈ. ਵਿੱਚ ਹੋਇਆ।

ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਸਹੀ ਵਿਕਲਪ ਚੁਣੋ:

- 1. ਸਿਰਫ਼ B, C
- 2. ਸਿਰਫ਼ A, B
- 3. ਸਿਰਫ਼ B, D
- 4. ਸਿਰਫ਼ A, D

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624763

Option 1 ID : 5046243049

Option 2 ID : 5046243050

Option 3 ID : 5046243051

Option 4 ID : 5046243052

Status : Not Answered

Chosen Option : --

Q.64

ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਸਹੀ ਜੁੱਟ ਦੀ ਚੋਣ ਕਰੋ:

- A. ਪੁਸਤਕ - ਆਮ ਨਾਂਵ
- B. ਸਤਲੁਜ - ਖ਼ਾਸ ਨਾਂਵ
- C. ਫੌਜ - ਭਾਵਵਾਚਕ ਨਾਂਵ
- D. ਉਦਾਸੀ - ਇਕੱਠਵਾਚਕ ਨਾਂਵ

ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਸਹੀ ਵਿਕਲਪ ਚੁਣੋ:

- 1. ਸਿਰਫ਼ B, C
- 2. ਸਿਰਫ਼ A, B
- 3. ਸਿਰਫ਼ C, D
- 4. ਸਿਰਫ਼ A, D

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624765

Option 1 ID : 5046243057

Option 2 ID : 5046243058

Option 3 ID : 5046243059

Option 4 ID : 5046243060

Status : Answered

Chosen Option : 2

Q.65

ਹੇਠ ਲਿਖੇ ਸ਼ਬਦਾਂ ਵਿੱਚੋਂ 'Civilization' ਸ਼ਬਦ ਦਾ ਸੁੱਧ ਪੰਜਾਬੀ ਰੂਪ ਚੁਣੋ:

1. ਸਭਯਤਾ
2. ਸਭਿਅਤਾ
3. ਸਭਿਯਤਾ
4. ਸਬਿਅਤਾ

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624755

Option 1 ID : 5046243017

Option 2 ID : 5046243018

Option 3 ID : 5046243019

Option 4 ID : 5046243020

Status : Answered

Chosen Option : 2

Q.66

ਪੰਜਾਬ ਦੀਆਂ ਇਤਿਹਾਸਕ ਘਟਨਾਵਾਂ ਦਾ ਸਹੀ ਕ੍ਰਮ ਦੱਸੋ:

- A. ਭੰਗਾਣੀ ਦੀ ਲੜਾਈ
- B. ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਦੀ ਮੌਤ
- C. ਪਹਿਲਾ ਘੱਲੂਕਾਰਾ
- D. ਪੰਜਾਬ ਦੀ ਵੰਡ

ਹੇਠ ਲਿਖਿਆਂ ਵਿਚੋਂ ਸਹੀ ਵਿਕਲਪ ਚੁਣੋ:

- 1. A, C, B, D
- 2. A, B, D, C
- 3. B, C, D, A
- 4. B, A, C, D

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624762

Option 1 ID : 5046243045

Option 2 ID : 5046243046

Option 3 ID : 5046243047

Option 4 ID : 5046243048

Status : Not Answered

Chosen Option : --

Q.67

ਹੇਠ ਲਿਖੇ ਵਾਕਾਂ ਵਿੱਚੋਂ ਸ਼ੁੱਧ ਵਾਕ ਦੀ ਪਛਾਣ ਕਰੋ:

1. ਸਫ਼ਲ ਹੁੰਦਾ ਸਦਾ ਹੈ ਮਿਹਨਤੀ ਆਦਮੀ।
2. ਆਦਮੀ ਮਿਹਨਤੀ ਸਫ਼ਲ ਸਦਾ ਹੈ ਹੁੰਦਾ।
3. ਮਿਹਨਤੀ ਆਦਮੀ ਸਦਾ ਸਫ਼ਲ ਹੁੰਦਾ ਹੈ।
4. ਮਿਹਨਤੀ ਸਫ਼ਲ ਆਦਮੀ ਸਦਾ ਹੁੰਦਾ ਹੈ।

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624757

Option 1 ID : 5046243025

Option 2 ID : 5046243026

Option 3 ID : 5046243027

Option 4 ID : 5046243028

Status : Answered

Chosen Option : 3

Q.68

ਹੇਠ ਲਿਖੇ ਵਰਣਾਂ ਦੀ ਵਰਣਮਾਲਾ ਅਨੁਸਾਰ ਤਰਤੀਬ ਦੱਸੋ:

- A. ਦ
- B. ਢ
- C. ਛ
- D. ਘ

ਹੇਠ ਲਿਖਿਆਂ ਵਿਚੋਂ ਸਹੀ ਵਿਕਲਪ ਚੁਣੋ:

- 1. D, C, A, B
- 2. C, D, A, B
- 3. B, A, C, D
- 4. D, C, B, A

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : MCQ

Question ID : 504624760

Option 1 ID : 5046243037

Option 2 ID : 5046243038

Option 3 ID : 5046243039

Option 4 ID : 5046243040

Status : Answered

Chosen Option : 4

Q.69

‘ਦੁੱਲਾ ਭੱਟੀ’ ਦੀ ਲੋਕ ਕਥਾ ਦਾ ਸੰਬੰਧ ਕਿਸ ਤਿਉਹਾਰ ਨਾਲ ਹੈ?

1. ਹੋਲੀ
2. ਦਿਵਾਲੀ
3. ਦੁਸ਼ਹਿਰਾ
4. ਲੋਹੜੀ

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624756

Option 1 ID : 5046243021

Option 2 ID : 5046243022

Option 3 ID : 5046243023

Option 4 ID : 5046243024

Status : Answered

Chosen Option : 4

Q.70

ਸੂਚੀ-I ਦਾ ਸੂਚੀ-II ਨਾਲ ਮਿਲਾਣ ਕਰੋ:

ਸੂਚੀ-I		ਸੂਚੀ-II	
A.	ਸੰਬਾਰ ਕੇ	I.	ਐਵੇਂ
B.	ਬਗਣਾ	II.	ਜਾਵਾਂਗਾ
C.	ਐਸੇ	III.	ਸੰਵਾਰ ਕੇ
D.	ਜਾਮਾਂਗਾ	IV.	ਵਗਣਾ

ਹੇਠ ਲਿਖਿਆਂ ਵਿਚੋਂ ਸਹੀ ਵਿਕਲਪ ਚੁਣੋ:

- 1. A-II, B-I, C-IV, D-III
- 2. A-I, B-III, C-II, D-IV
- 3. A-III, B-IV, C-I, D-II
- 4. A-IV, B-I, C-II, D-III

- Options 1. 1
2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 504624768

Option 1 ID : 5046243069

Option 2 ID : 5046243070

Option 3 ID : 5046243071

Option 4 ID : 5046243072

Status : Answered

Chosen Option : 3

Q.71

Arrange the Union Territories from North to South:

- A. Lakshadweep
- B. Chandigarh
- C. Jammu and Kashmir
- D. Delhi

Choose the **correct** answer from the options given below:

- 1. D, C, B, A
- 2. C, B, D, A
- 3. C, D, B, A
- 4. A, B, C, D

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **504624775**

Option 1 ID : **5046243097**

Option 2 ID : **5046243098**

Option 3 ID : **5046243099**

Option 4 ID : **5046243100**

Status : **Answered**

Chosen Option : **3**

Q.72 The advent of Mahatma Gandhi

LIST-I (Events)		LIST-II (Year it occurred)	
A.	Gandhiji arrived in India from South Africa	I.	1919
B.	Call for Satyagraha against the Rowlett Act	II.	6 April 1930
C.	Dandi March	III.	1915
D.	Quit India Movement	IV.	1942

Choose the **correct** answer from the options given below:

- 1. A-III, B-II, C-IV, D-I
- 2. A-III, B-I, C-II, D-IV
- 3. A-I, B-III, C-IV, D-II
- 4. A-II, B-IV, C-I, D-III

Options 1. 1
2. 2
3. 3
4. 4

Question Type : MCQ
Question ID : 504624780
Option 1 ID : 5046243117
Option 2 ID : 5046243118
Option 3 ID : 5046243119
Option 4 ID : 5046243120
Status : Answered
Chosen Option : 2

Q.73

Who was the first President of India?

1. Dr. S Radhakrishnan
2. Sr. Shankar Dayal Sharma
3. Dr. Rajendra Prasad
4. Dr. Zakir Hussain

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 504624774

Option 1 ID : 5046243093

Option 2 ID : 5046243094

Option 3 ID : 5046243095

Option 4 ID : 5046243096

Status : Answered

Chosen Option : 3

Q.74

The increase in oil-seeds production was due to:

1. Red Revolution
2. Yellow Revolution
3. White Revolution
4. Blue Revolution

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 504624773

Option 1 ID : 5046243089

Option 2 ID : 5046243090

Option 3 ID : 5046243091

Option 4 ID : 5046243092

Status : Answered

Chosen Option : 2

Q.75 Which one among the following is not the recipient of Raman Magsaysay Award 2024?

- 1. Farhan Farwiza
- 2. Korvi Rakshand
- 3. Phuntsho Karma
- 4. Miyazaki Hayayo

- Options**
- 1. 1
 - 2. 2
 - 3. 3
 - 4. 4

Question Type : **MCQ**
Question ID : **504624771**
Option 1 ID : **5046243081**
Option 2 ID : **5046243082**
Option 3 ID : **5046243083**
Option 4 ID : **5046243084**
Status : **Not Answered**
Chosen Option : --

Q.76 Arrange the following parts of alimentary canal in human beings from up to down in order:

- A. Diaphragm
- B. Gall Bladder
- C. Pancreas
- D. Esophagus

Choose the **correct** answer from the options given below:

- 1. D, A, C, B
- 2. A, C, D, B
- 3. D, B, A, C
- 4. D, A, B, C

- Options**
- 1. 1
 - 2. 2
 - 3. 3
 - 4. 4

Question Type : **MCQ**
Question ID : **504624776**
Option 1 ID : **5046243101**
Option 2 ID : **5046243102**
Option 3 ID : **5046243103**
Option 4 ID : **5046243104**
Status : **Answered**
Chosen Option : **1**

- Q.77** Which of the following statements are CORRECT regarding Major Dhyanchand Khel Ratna Award?
- A. It was launched in 1991-92.
 - B. The objective was to honour the sportspersons to enhance their general status and to give them greater dignity and place of honour in society.
 - C. The scheme was earlier known as Nehru Khel Ratan Award.
 - D. It is given for outstanding performance by a sport person over a period of 6 years immediately preceding the year in which award is to be given.

Choose the **correct** answer from the options given below:

- 1. A and C Only
- 2. A and B Only
- 3. B and C Only
- 4. A and D Only

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**
Question ID : **504624778**
Option 1 ID : **5046243109**
Option 2 ID : **5046243110**
Option 3 ID : **5046243111**
Option 4 ID : **5046243112**
Status : **Answered**
Chosen Option : **2**

- Q.78** Which of the following are NOT the properties of a colloid?

- A. A colloid is a homogeneous mixture.
- B. The size of particles of a colloid is too small to be individually seen by naked eyes.
- C. Colloids are big enough to scatter a beam of light passing through it and making its path visible.
- D. They settle down when left undisturbed.

Choose the **correct** answer from the options given below:

- 1. A and D Only
- 2. A and B Only
- 3. B and D Only
- 4. C and D Only

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**
Question ID : **504624777**
Option 1 ID : **5046243105**
Option 2 ID : **5046243106**
Option 3 ID : **5046243107**
Option 4 ID : **5046243108**
Status : **Not Answered**
Chosen Option : **--**

Q.79

Which one of the following is not a Vedanga?

- 1. Vyakarana
- 2. Jyotisha
- 3. Shiksha
- 4. Sama Veda

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624772

Option 1 ID : 5046243085

Option 2 ID : 5046243086

Option 3 ID : 5046243087

Option 4 ID : 5046243088

Status : Not Answered

Chosen Option : --

Q.80

Match the **LIST-I** with **LIST-II**

LIST-I (Terms)		LIST-II (No. of bits/bytes)	
A.	1 Nibble	I.	1024 Bytes
B.	1 PB	II.	1024 MB
C.	1 KB	III.	4 Bits
D.	1 GB	IV.	1024 TB

Choose the **correct** answer from the options given below:

- 1. A-III, B-I, C-II, D-IV
- 2. A-III, B-II, C-I, D-IV
- 3. A-IV, B-I, C-II, D-III
- 4. A-III, B-IV, C-I, D-II

- Options 1. 1
2. 2
3. 3
4. 4

Question Type : MCQ
Question ID : 504624779
Option 1 ID : 5046243113
Option 2 ID : 5046243114
Option 3 ID : 5046243115
Option 4 ID : 5046243116
Status : Answered
Chosen Option : 4

Q.81 There are six members of family X, Y, Z, M, N and P. Y is the son of Z but Z is not the mother of Y. X and Z are married couple. N is the brother of Z. M is the daughter of X. P is the brother of Y. Which of the following statements are true?

- A. X has 5 children.
- B. There are four males in the family.
- C. X, M and P are females.
- D. N is the father of M.
- E. X is the mother of Y.

Choose the **correct** answer from the options given below:

- 1. A, B and D Only
- 2. C and E Only
- 3. B and E Only
- 4. B, C and E Only

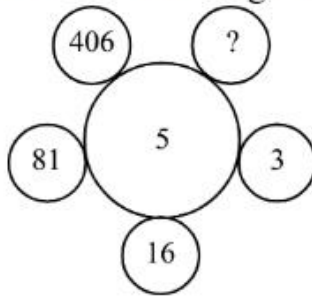
Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**
Question ID : **504624787**
Option 1 ID : **5046243145**
Option 2 ID : **5046243146**
Option 3 ID : **5046243147**
Option 4 ID : **5046243148**
Status : **Answered**
Chosen Option : **3**

Q.82

Find the missing number from the following options



1. 1625

2. 1891

3. 2031

4. 2239

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624781

Option 1 ID : 5046243121

Option 2 ID : 5046243122

Option 3 ID : 5046243123

Option 4 ID : 5046243124

Status : Answered

Chosen Option : 3

Q.83

Follow the statement given below:

"Some tapes are discs. Some discs are cassettes. All cassettes are songs." Four conclusions A, B, C and D are given below. Identify the given conclusions logically follows from the given statements.

- A. Some songs are discs.
- B. Some cassettes are tapes.
- C. Some songs are tapes.
- D. No song is a disc.

Choose the **correct** answer from the options given below:

- 1. Either A or D follows only
- 2. Either B or D follows only
- 3. C and D follows only
- 4. C and either B or D follows only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **504624788**

Option 1 ID : **5046243149**

Option 2 ID : **5046243150**

Option 3 ID : **5046243151**

Option 4 ID : **5046243152**

Status : **Answered**

Chosen Option : **1**

Q.84 Match the figures of **LIST-I** with its correct mirror image in the **LIST-II**

LIST-I		LIST-II	
A.		I.	
B.		II.	
C.		III.	
D.		IV.	

Choose the **correct** answer from the options given below:

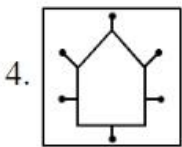
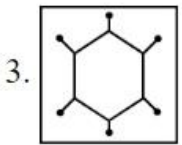
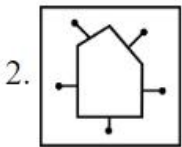
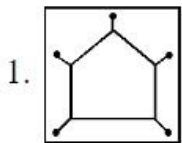
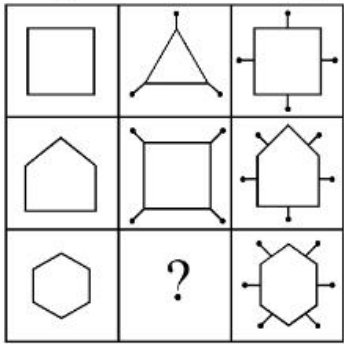
- 1. A-III, B-II, C-I, D-IV
- 2. A-III, B-I, C-II, D-IV
- 3. A-IV, B-II, C-I, D-III
- 4. A-IV, B-I, C-II, D-III

- Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **504624789**
Option 1 ID : **5046243153**
Option 2 ID : **5046243154**
Option 3 ID : **5046243155**
Option 4 ID : **5046243156**
Status : **Answered**
Chosen Option : **2**

Q.85

Complete the following matrix and choose the current options:



- Options 1. 1
2. 2
3. 3
4. 4

Question Type : MCQ
Question ID : 504624782
Option 1 ID : 5046243125
Option 2 ID : 5046243126
Option 3 ID : 5046243127
Option 4 ID : 5046243128
Status : Answered
Chosen Option : 4

Q.86 Mudit travels according to the following directions. In which direction and how many meters away is he from his starting point?

- i. He walks 20 m North.
- ii. Then he turns right and walks 30 m.
- iii. He turns right again and walks 35 m.
- iv. Again he turns left and walks 15 m.
- v. He again turns left and walks 15 m.

Choose the **correct** answer from the options given below:

- 1. 30 meters East
- 2. 45 meters East
- 3. 15 meters West
- 4. 30 meters West

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **504624785**

Option 1 ID : **5046243137**

Option 2 ID : **5046243138**

Option 3 ID : **5046243139**

Option 4 ID : **5046243140**

Status : **Answered**

Chosen Option : **2**

Q.87 A is 4 years older to B and 4 years younger to C, while B and D are twins. How many years older is C to D?

- 1. 10 years
- 2. 4 years
- 3. 8 years
- 4. 6 years

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **504624783**

Option 1 ID : **5046243129**

Option 2 ID : **5046243130**

Option 3 ID : **5046243131**

Option 4 ID : **5046243132**

Status : **Answered**

Chosen Option : **3**

Q.88

Arrange the following words in alphabetic order:

- A. Antibiotic
- B. Anthropology
- C. Antelope
- D. Anthrax
- E. Antecedent

Choose the **correct** answer from the options given below:

- 1. A, B, D, C, E
- 2. E, C, B, D, A
- 3. E, C, D, B, A
- 4. A, D, B, C, E

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624786

Option 1 ID : 5046243141

Option 2 ID : 5046243142

Option 3 ID : 5046243143

Option 4 ID : 5046243144

Status : Answered

Chosen Option : 3

Q.89

A is the brother of B, B is the daughter of C and D is the father of A, then how C is related to D?

- 1. Husband
- 2. Wife
- 3. Grand daughter
- 4. Grand father

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624784

Option 1 ID : 5046243133

Option 2 ID : 5046243134

Option 3 ID : 5046243135

Option 4 ID : 5046243136

Status : Answered

Chosen Option : 2

Q.90 Match the **LIST-I** with **LIST-II** :
Establish the relationship between three classes of the List-I to the Venn diagram of List-II

LIST-I (Classes)		LIST-II (Venn diagram)	
A.	Earth, Sea, Sun	I.	
B.	Animal, Dogs, Horses	II.	
C.	Male, Doctors, Patients	III.	
D.	Continent, Country, State	IV.	

Choose the **correct** answer from the options given below:

- 1. A-IV, B-III, C-I, D-II
- 2. A-III, B-IV, C-II, D-I
- 3. A-II, B-III, C-IV, D-I
- 4. A-III, B-IV, C-I, D-II

- Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **504624790**
Option 1 ID : **5046243157**
Option 2 ID : **5046243158**
Option 3 ID : **5046243159**
Option 4 ID : **5046243160**
Status : **Answered**
Chosen Option : **4**

Q.91

Choose the correct proverbs:

- A. A man is known by the money he keeps.
- B. Every cloud has a silver lining.
- C. Two cooks spoil the broth.
- D. Protection is better than cure.
- E. Cut your coat according to your cloth.

Choose the **correct** answer from the options given below:

- 1. A and B Only
- 2. C and D Only
- 3. B and D Only
- 4. B and E Only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624792

Option 1 ID : 5046243165

Option 2 ID : 5046243166

Option 3 ID : 5046243167

Option 4 ID : 5046243168

Status : Not Answered

Chosen Option : --

Q.92

He must work very hard and make up for the lost time.
The above sentence is an example of:

1. Complex sentence
2. Compound sentence
3. Simple sentence
4. Past participle

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 504624800

Option 1 ID : 5046243197

Option 2 ID : 5046243198

Option 3 ID : 5046243199

Option 4 ID : 5046243200

Status : Answered

Chosen Option : 2

Q.93

Choose the appropriate word for the blank -
He takes _____ his father.

1. after
2. on
3. about
4. along

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 504624795

Option 1 ID : 5046243177

Option 2 ID : 5046243178

Option 3 ID : 5046243179

Option 4 ID : 5046243180

Status : Not Answered

Chosen Option : --

Q.94

Match the idioms with their meanings

LIST-I		LIST-II	
A.	Set teeth on edge	I.	In trouble
B.	Kick up a row	II.	Maintain his position
C.	Stand his ground	III.	To make great fuss
D.	In soup	IV.	To irritate some one

Choose the **correct** answer from the options given below:

1. A-I, B-IV, C-III, D-II

2. A-III, B-II, C-I, D-IV

3. A-II, B-I, C-IV, D-III

4. A-IV, B-III, C-II, D-I

- Options 1. 1
2. 2
3. 3
4. 4

Question Type : MCQ
Question ID : 504624796
Option 1 ID : 5046243181
Option 2 ID : 5046243182
Option 3 ID : 5046243183
Option 4 ID : 5046243184
Status : Answered
Chosen Option : 4

Q.95

Synonym of 'stranglehold' is

- 1. too bad
- 2. complete control
- 3. to enable
- 4. to remove

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : MCQ
Question ID : 504624799
Option 1 ID : 5046243193
Option 2 ID : 5046243194
Option 3 ID : 5046243195
Option 4 ID : 5046243196
Status : Not Answered
Chosen Option : --

Q.96

Identify the adverbs in the following sentences: They worked happily because the news was too good for them.:

- A. worked
- B. happily
- C. too
- D. good
- E. because

Choose the **correct** answer from the options given below:

- 1. A and B Only
- 2. B and C Only
- 3. C and D Only
- 4. D and E Only

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : MCQ
Question ID : 504624797
Option 1 ID : 5046243185
Option 2 ID : 5046243186
Option 3 ID : 5046243187
Option 4 ID : 5046243188
Status : Answered
Chosen Option : 1

Q.97 Organize the given sentences into a coherent paragraph:

- A. Quite often a research hypothesis is a predictive statement.
- B. Thus, we may conclude that a hypothesis states what we are looking for.
- C. This statement is capable of being tested by scientific method.
- D. But for a researcher, it is a formal question that he intends to resolve.
- E. Ordinarily, when one talks about hypothesis, one simply means a mere assumption to be proved or disproved.

Choose the **correct** answer from the options given below:

- 1. E, D, A, C, B
- 2. A, B, C, E, D
- 3. D, A, E, C, B
- 4. A, C, D, B, E

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **504624793**

Option 1 ID : **5046243169**

Option 2 ID : **5046243170**

Option 3 ID : **5046243171**

Option 4 ID : **5046243172**

Status : **Not Answered**

Chosen Option : --

Q.98

Match the phrases with their meanings

LIST-I		LIST-II	
A.	Off-key	I.	not pleasant.
B.	Off-limits	II.	not suitable or correct in a particular situation.
C.	Off-putting	III.	a thing that develops from something.
D.	Off-shoot	IV.	not allowed to be discussed.

Choose the **correct** answer from the options given below:

- 1. A-IV, B-III, C-I, D-II
- 2. A-II, B-IV, C-I, D-III
- 3. A-IV, B-I, C-II, D-III
- 4. A-III, B-II, C-IV, D-I

- Options 1. 1
2. 2
3. 3
4. 4

Question Type : MCQ
Question ID : 504624791
Option 1 ID : 5046243161
Option 2 ID : 5046243162
Option 3 ID : 5046243163
Option 4 ID : 5046243164
Status : Not Answered
Chosen Option : --

Q.99

Choose the word closest in meaning to -
INDUCTEE

1. Fleecy
2. Dowdy
3. Snoozer
4. Recruit

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 504624794

Option 1 ID : 5046243173

Option 2 ID : 5046243174

Option 3 ID : 5046243175

Option 4 ID : 5046243176

Status : Not Answered

Chosen Option : --

Q.100

Arrange the following phrases in right order to make a sentence:

- A. I heard some one
- B. Children
- C. The other day
- D. Happily referring to
- E. As dreamers

Choose the **correct** answer from the options given below:

- 1. C, A, D, B, E
- 2. A, B, C, D, E
- 3. E, A, B, C, D
- 4. D, E, C, B, A

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 504624798

Option 1 ID : 5046243189

Option 2 ID : 5046243190

Option 3 ID : 5046243191

Option 4 ID : 5046243192

Status : Answered

Chosen Option : 1