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(Electrical & Electronics)
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Section : Electrical and Electronics

Q.1 A coil of resistance 100Ω placed in magnetic field of 1mWb . The coil has 100 turns and a galvanometer of 400Ω 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 mWb

1. 0.8 V
2. 1 V
3. 8 V
4. 0.08 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

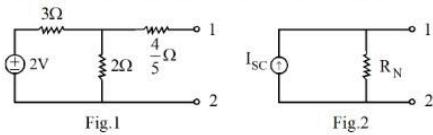
Option 3 ID : 5046242923

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. 3Ω
2. 2.6Ω
3. 4Ω
4. 1.5Ω

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 $1\text{ k}\Omega$ 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

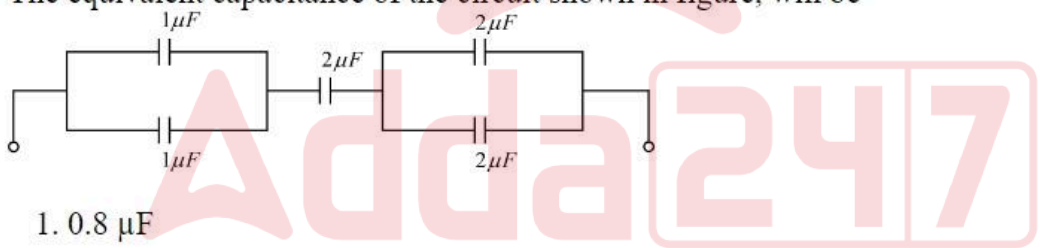
Choose the **correct** answer from the options given below:

- 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. $0.8 \mu\text{F}$
- 2. $0.4 \mu\text{F}$
- 3. $1.25 \mu\text{F}$
- 4. $0.6 \mu\text{F}$

- 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

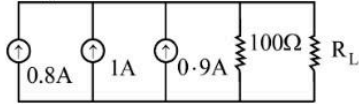
1. two eddy currents
2. two alternating fluxes
3. flux and eddy current
4. voltage and current

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 $12 \mu\text{C}$ 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 ਤੇਗ 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. ਉੱਨਤਰ
- 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. ਮਾੜੀ
- 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 - ਦੇੜਨਾ
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 ਕਿਮੇ 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.	ਖੁਬਸੂਰਤ	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. ਬੇਦਖ਼ਲ
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 ਤੇਗ 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. ਸਭਿਅਤਾ

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. ਚ
- 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 ਮੁੱਖ 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

Section : Reasoning

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**

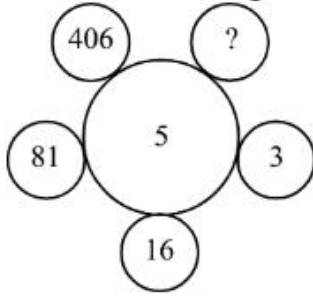
Option 4 ID : **5046243148**

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

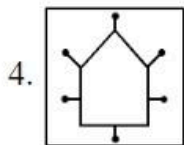
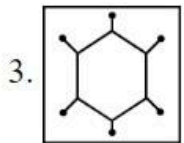
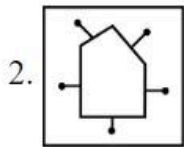
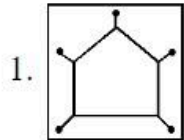
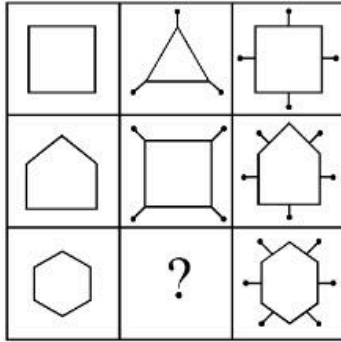
Option 4 ID : 5046243156

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