



DELHI METRO RAIL CORPORATION LTD.
(Metro Bhawan, Fire Brigade Lane, Barakhamba Road, Delhi-110001)

Roll No:	
Participant Name:	ErForum
Test Center Name:	ION Digital Zone iDZ 1 Mathura Road
Test Date:	09/04/2018
Test Time:	4:30 PM - 6:45 PM
Subject:	Jr. Engineer Electrical RNE01

Section : Domain

Q.1 Tesla is the SI Unit of _____.

Question ID : 5121166

- Ans
- ☒ 1. Permeability
 - ☒ 2. Flux density
 - ☐ 3. Field intensity
 - ☐ 4. Flux

Q.2 The shaded pole motor is used for:

Question ID : 51211635

- Ans
- ☒ 1. low starting torque application
 - ☐ 2. very high starting torque application
 - ☐ 3. high starting torque application
 - ☐ 4. medium starting torque application

Q.3 A dynamometer wattmeter is used for the measurement of:

Question ID : 51211641

- Ans
- ☐ 1. DC voltage
 - ☐ 2. only AC power
 - ☒ 3. both AC and DC power
 - ☐ 4. only DC power

Q.4 The average power consumed by a pure inductive circuit is _____.

Question ID : 51211615

- Ans
- ☒ 1. Zero
 - ☐ 2. Leading
 - ☐ 3. Lagging
 - ☐ 4. Unity

Q.5 Resonance in R-L-C series circuit causes _____ current and _____ impedance.

Question ID : 5121164

- Ans
- ☒ 1. maximum ; minimum
 - ☐ 2. minimum ; maximum
 - ☐ 3. infinite ; zero
 - ☐ 4. zero ; infinite

Q.6 Frequency can be measured using:

Question ID : 51211647

- Ans
- ☐ 1. Schering's bridge
 - ☒ 2. Wien's bridge
 - ☐ 3. Owen's bridge
 - ☐ 4. Maxwell's bridge

Q.7 If a 4 pole induction motor has a synchronous speed of 1500 rpm, then supply frequency should be:

Question ID : 51211639

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

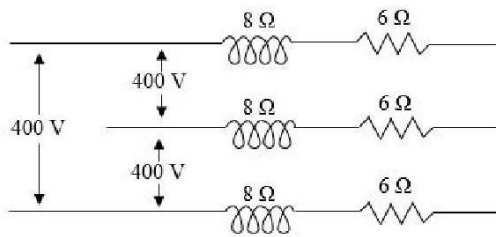
Q.8 When different types of consumers are charged at different uniform per unit rates, the tariff is called:

Question ID : 51211669

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

Q.9 Find the power factor for the given circuit.

Question ID : 51211626



- Ans
- ☒ 1. 0.6 lagging
 - ☐ 2. 0.8 lagging
 - ☐ 3. 0.6 leading
 - ☐ 4. 0.75 lagging

Q.10 A dry cell chemical reaction needed 90 Joules of work to produce 15 coulombs of charge separation between the battery terminals. Find the terminal voltage of the battery.

Question ID : 5121162

- Ans
- ☒ 1. 6 V
 - ☐ 2. 5 V
 - ☐ 3. 8 V
 - ☐ 4. 4 V

Q.11 Equation for an alternating current i of frequency 50 Hz and RMS value 70.7 A is given by _____.

Question ID : 51211610

- Ans
- ☒ 1. $i = 100\sin 314t$
 - ☐ 2. $i = 200\sin 628t$
 - ☐ 3. $i = 50\sin 314t$
 - ☐ 4. $i = 100\sqrt{2}\sin 314t$

Q.12 The yoke in a large DC machine is made of:

Question ID : 51211631

- Ans
- ☐ 1. Cast iron
 - ☐ 2. Mild steel
 - ☐ 3. Grain oriented steel
 - ☒ 4. Cast steel

Q.13 An alternator is supplying a load of 100 kW at a power factor of 0.8 lagging. If the power factor is raised to unity, how many more kilowatts can the alternator supply for the same kVA loading?

Question ID : 51211634

- Ans
- ☐ 1. 400 kW
 - ☒ 2. 100 kW
 - ☐ 3. 500 kW
 - ☐ 4. 200 kW

Q.14 A room $12\text{ m} \times 12\text{ m}$ is lit by 10 lamps to a fairly uniform illumination of 100 lm/m^2 . Calculate the utilisation coefficient of the room given that the output of each lamp is 1000 lumens.

Question ID : 51211638

- Ans
- ☐ 1. 0.4
 - ☐ 2. 0.3
 - ☐ 3. 0.5
 - ☒ 4. 0.9

Q.15 The current in pure capacitors leads the applied voltage by:

Question ID : 51211643

- Ans
- ☐ 1. full cycle
 - ☐ 2. three-fourth cycle
 - ☐ 3. half cycle
 - ☒ 4. quarter cycle

Q.16 A 20 turns iron core inductor is connected to a 100 V, 50 Hz source. The maximum flux density in the core is 1 wb/m^2 . The cross sectional area of the core in transformer is:

Question ID : 51211629

- Ans
- ☐ 1. 0.225 m^2
 - ☐ 2. 0.155 m^2
 - ☐ 3. 0.35 m^2
 - ☒ 4. 0.022 m^2

Q.17 Power factor of a purely resistive circuit is _____.

Question ID : 51211616

- ☒ 1. Leading
☒ 2. 1
☒ 3. Lagging
☒ 4. 0

Q.18 In a transformer, _____ losses are reduced by decreasing the thickness of lamination of magnetic core and yoke.

Question ID : 51211625

- Ans ☒ 1. copper
☒ 2. air friction
☒ 3. eddy current
☒ 4. hysteresis

Q.19 According to Kirchhoff's law, the algebraic sum of all IR drops and emf's in any closed loop of a network is always:

Question ID : 5121163

- Ans ☒ 1. One
☒ 2. Zero
☒ 3. Positive
☒ 4. Negative

Q.20 Synchronous motors are particularly attractive for speeds below:

Question ID : 51211662

- Ans ☒ 1. 600 rpm
☒ 2. 1500 rpm
☒ 3. 300 rpm
☒ 4. 1000 rpm

Q.21 Capacitance of a capacitor is given by:

Question ID : 5121168

- Ans ☒ 1. $C = \frac{\mu A}{d}$
☒ 2. $C = \frac{A}{d}$
☒ 3. $C = \frac{\epsilon_0 \epsilon_r d}{A}$
☒ 4. $C = \frac{\epsilon_0 \epsilon_r A}{d}$

Q.22 The function of a commutator in a DC generator is _____.

Question ID : 51211628

- Ans ☒ 1. converting AC to DC
☒ 2. collecting the current from the armature
☒ 3. to support the rotating parts
☒ 4. converting DC to AC

Q.23 In PN junction diode, the region containing the uncompensated acceptor and donor ions is called _____.

Question ID : 51211653

- Ans ☒ 1. Diode region
☒ 2. Enhancement region
☒ 3. Cut off region
☒ 4. Depletion region

Q.24 The bridge widely used for capacitance and dissipation factor measurements is _____.

Question ID : 51211648

- Ans ☒ 1. Wein's bridge
☒ 2. Maxwell's bridge
☒ 3. High Voltage Schering's bridge
☒ 4. Campbell's bridge

Q.25 An ideal voltage source is one which has:

Question ID : 5121161

- Ans ☒ 1. zero internal resistance
☒ 2. infinite internal resistance
☒ 3. very high internal resistance
☒ 4. very low internal resistance

Q.26 Cables used for underground services from 33 kV to 60 kV are:

Question ID : 51211663

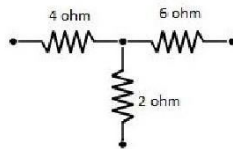
- Ans ☒ 1. high tension cables
☒ 2. extra super voltage cables

✗ 3. super tension cables

✓ 4. extra high tension cables

Q.27 Convert the given circuit into its equivalent delta circuit.

Question ID : 51211611



Ans ✓ 1. $R_{AC} = 11 \Omega, R_{BC} = 22 \Omega, R_{AB} = 7.33 \Omega$

✗ 2. $R_{AC} = 10 \Omega, R_{BC} = 8 \Omega, R_{AB} = 6 \Omega$

✗ 3. $R_{AC} = 22 \Omega, R_{BC} = 11 \Omega, R_{AB} = 7.33 \Omega$

✗ 4. $R_{AC} = 11 \Omega, R_{BC} = 12 \Omega, R_{AB} = 6 \Omega$

Q.28 The commonly used instrument to measure electrical energy consumed in domestic, commercial and industrial installations is:

Question ID : 51211650

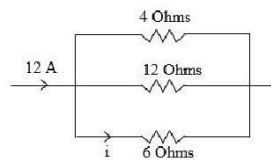
Ans ✓ 1. Watthour meter

✗ 2. Ammeter

✗ 3. Wattmeter

✗ 4. Voltmeter

Q.29



Question ID : 5121167

Find the current flowing through the 6 Ω resistor in the above figure.

Ans ✗ 1. 2 A

✓ 2. 4 A

✗ 3. 6 A

✗ 4. 5 A

Q.30 At which of the following points does the transistor operate?

Question ID : 51211658

Ans ✗ 1. Collector point

✗ 2. Cut-off points

✓ 3. Quiescent point

✗ 4. Saturation point

Q.31 Rotor speed of an induction motor is given by:

Question ID : 51211637

Ans ✗ 1. $N_r = (1 + S)N_s$

✗ 2. $N_r = (S^2 - 1)N_s$

✗ 3. $N_r = (S - 1)N_s$

✓ 4. $N_r = (1 - S)N_s$

Q.32 The function of oil in a transformer is to provide:

Question ID : 51211621

Ans ✗ 1. overloading

✗ 2. protection against lightning

✓ 3. insulation and cooling

✗ 4. protection against short circuit

Q.33 The efficiency of a transformer will be maximum when:

Question ID : 51211632

Ans ✗ 1.

leakage reactance of the two windings are equal

✗ 2. primary leakage reactance is increased

✓ 3. variable loss is equal to constant loss

✗ 4. resistance of the two windings are equal

- Ans
- ☒ 1. 30°
 - ☐ 2. 120°
 - ☐ 3. 240°
 - ☐ 4. 60°

Q.35 A generator has an open circuit emf of 18 V. Its terminal voltage drops to 15 V with load resistance of $50\ \Omega$. Calculate its internal resistance.

Question ID : 51211642

- Ans
- ☐ 1. $3\ \Omega$
 - ☐ 2. $0.5\ \Omega$
 - ☐ 3. $0.6\ \Omega$
 - ☒ 4. $6\ \Omega$

Q.36 Electro-dynamometer type wattmeter consists of:

Question ID : 51211649

- Ans
- ☒ 1. two current coils and one pressure coil
 - ☐ 2. one current coil and two pressure coils
 - ☐ 3. one current coil and one pressure coil
 - ☐ 4. only one current coil

Q.37 In a drain characteristics of JFET, drain current is maximum when V_{GS} is _____.

Question ID : 51211656

- Ans
- ☒ 1. zero
 - ☐ 2. reverse biased
 - ☐ 3. positive
 - ☐ 4. negative

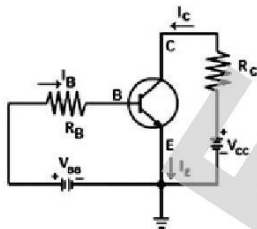
Q.38 Starting current of three phase induction motor can be reduced to safe value by including:

Question ID : 51211636

- Ans
- ☐ 1. capacitor in rotor circuit at instant of starting.
 - ☐ 2. capacitor in stator circuit at instant of starting.
 - ☒ 3. resistor in stator circuit at instant of starting.
 - ☐ 4. inductor in rotor circuit at instant of starting.

Q.39 Identify the circuit given below.

Question ID : 51211654



- Ans
- ☒ 1. Common emitter configuration
 - ☐ 2. Common base configuration
 - ☐ 3. Common collector configuration
 - ☐ 4. Common diode configuration

Q.40 Buchholz relay is used for the protection of:

Question ID : 51211671

- Ans
- ☐ 1. Alternators
 - ☒ 2. Transformers
 - ☐ 3. Transmission lines
 - ☐ 4. Circuit breakers

Q.41 Which of the following equations is valid for a three phase balanced star connected system?

Question ID : 51211645

- Ans
- ☐ 1. $\vec{I}_R + \vec{I}_B = \vec{I}_Y$
 - ☐ 2. $\vec{I}_R + \vec{I}_Y + \vec{I}_B = 1$
 - ☐ 3. $\vec{I}_R + \vec{I}_Y - \vec{I}_B = 0$
 - ☒ 4. $\vec{I}_R + \vec{I}_B + \vec{I}_Y = 0$

Q.42 A generating station which converts heat energy from coal combustion into electrical energy is a _____.

Question ID : 51211665

- ☒ 1. Thermal power station
- ☐ 2. Hydro power station
- ☐ 3. Nuclear power station
- ☐ 4. Wind turbine

Q.43 Select the material having the highest arc interrupting capability when used as a medium in circuit breaker.

Question ID : 51211673

- Ans
- ☐ 1. Porcelain
 - ☒ 2. High vacuum
 - ☐ 3. SF_6
 - ☐ 4. Oil

Q.44 The most efficient type of damping used for moving coil type instruments is:

Question ID : 51211651

- Ans
- ☒ 1. Eddy current damping
 - ☐ 2. Fluid friction damping
 - ☐ 3. Air damping
 - ☐ 4. Motion damping

Q.45 If a machine has P poles and the armature rotates at N revolutions per minute, then the frequency of induced emf in the armature winding of the machine is:

Question ID : 51211627

- Ans
- ☐ 1. $f = \frac{PN}{50} \text{ Hz}$
 - ☐ 2. $f = \frac{120}{PN} \text{ Hz}$
 - ☒ 3. $f = \frac{PN}{120} \text{ Hz}$
 - ☐ 4. $f = \frac{50}{PN} \text{ Hz}$

Q.46 A field coil of a shunt motor has a resistance of 45 Ω at 20 $^{\circ}\text{C}$. Find the average temperature of the winding at the end of the run when the resistance is increased to 48 Ω . Temperature coefficient of resistance is 0.004 $^{\circ}\text{C}^{-1}$.

Question ID : 51211617

- Ans
- ☐ 1. 42 $^{\circ}\text{C}$
 - ☐ 2. 45 $^{\circ}\text{C}$
 - ☐ 3. 35 $^{\circ}\text{C}$
 - ☒ 4. 38 $^{\circ}\text{C}$

Q.47 Power factor can be improved by installing a device in parallel with load which has _____.

Question ID : 51211670

- Ans
- ☐ 1. resistive power
 - ☒ 2. leading reactive power
 - ☐ 3. lagging reactive power
 - ☐ 4. apparent power

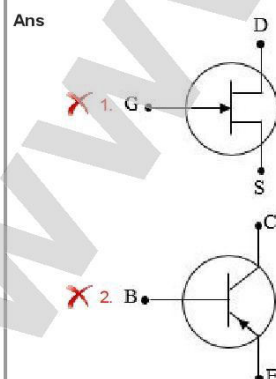
Q.48 Megger is normally used for the measurement of:

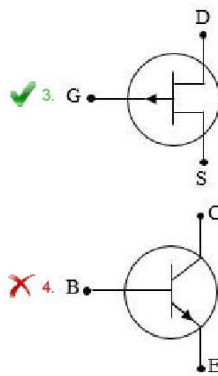
Question ID : 51211640

- Ans
- ☐ 1. low resistance
 - ☒ 2. high resistance
 - ☐ 3. low capacitance
 - ☐ 4. very low resistance

Q.49 Identify the P-Channel JFET from the following symbols.

Question ID : 51211657





Q.50 Reactive power drawn by a 3 phase system is given by:

Question ID : 51211630

- Ans
- ☒ 1. $Q = \sqrt{3}V_{Ph}I_{Ph}\sin\phi$
 - ☒ 2. $Q = \sqrt{3}V_{Ph}I_{Ph}\cos\phi$
 - ☒ 3. $Q = \sqrt{3}V_LI_L\cos\phi$
 - ☒ 4. $Q = \sqrt{3}V_LI_L\sin\phi$

Q.51 In power systems for 132 kV and above, the circuit breaker preferred is _____.

Question ID : 51211674

- Ans
- ☒ 1. Miniature
 - ☒ 2. SF_6
 - ☒ 3. Vacuum
 - ☒ 4. Minimum oil

Q.52 Standard wire gauge used for earthing should not be thinner than:

Question ID : 51211661

- Ans
- ☒ 1. 12 SWG wire
 - ☒ 2. 14 SWG wire
 - ☒ 3. 8 SWG wire
 - ☒ 4. 16 SWG wire

Q.53 Over excited synchronous motor behaves as _____.

Question ID : 51211664

- Ans
- ☒ 1. a diode
 - ☒ 2. a resistor
 - ☒ 3. a capacitor
 - ☒ 4. an inductor

Q.54 Bipolar junction transistor is a _____ controlled device.

Question ID : 51211655

- Ans
- ☒ 1. current
 - ☒ 2. resistance
 - ☒ 3. voltage
 - ☒ 4. frequency

Q.55 In a series RLC circuit, $R = 2\text{ k}\Omega$, $L = 1\text{ H}$ and $C = \left(\frac{1}{\pi}\right)\mu\text{F}$. The resonant frequency is:

Question ID : 51211668

- Ans
- ☒ 1. $2 \times 10^4\text{ Hz}$
 - ☒ 2. 10^4 Hz
 - ☒ 3. $2\pi \times 10^4\text{ Hz}$
 - ☒ 4. $\left(\frac{1}{\pi}\right) \times 10^4\text{ Hz}$

Q.56 Measurement of power factor for balanced load by two wattmeters for lagging power factor is:

Question ID : 51211644

- Ans
- ☒ 1. $\tan\phi = \sqrt{3}\left(\frac{W_1 - W_2}{W_1 + W_2}\right)$
 - ☒ 2. $\tan\phi = -\sqrt{3}\left(\frac{W_1 - W_2}{W_1 + W_2}\right)$
 - ☒ 3. $\tan\phi = \sqrt{3}\left(\frac{W_1 + W_2}{W_1 - W_2}\right)$
 - ☒ 4. $\tan\phi = -\sqrt{3}\left(\frac{W_1 + W_2}{W_1 - W_2}\right)$

- Ans
- ☒ 1. moves parallel to the direction of the magnetic field
 - ☒ 2. cuts magnetic flux
 - ☐ 3. lies at 180° to the magnetic flux
 - ☐ 4. lies in a magnetic field

Q.58 The full load copper loss and iron loss of a transformer are 2500 W and 1500 W respectively. The copper loss and iron loss at half load will be respectively:

Question ID : 51211646

- Ans
- ☐ 1. 1250 W and 750 W
 - ☐ 2. 1250 W and 3000 W
 - ☐ 3. 625 W and 375 W
 - ☒ 4. 625 W and 1500 W

Q.59 Estimate the resistance of the filament of a 50 W, 100 V bulb.

Question ID : 51211613

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

Q.60 Maximum power transfer from source to load occurs when the load resistance is _____ the internal resistance of the circuit.

Question ID : 5121165

- Ans
- ☐ 1. more than
 - ☐ 2. double
 - ☐ 3. less than
 - ☒ 4. equal to

Q.61 When a 3-phase system is balanced, the neutral wire carries:

Question ID : 51211620

- Ans
- ☐ 1. half of the current for each phase
 - ☐ 2. one third of current for each phase
 - ☒ 3. no current
 - ☐ 4. one fourth of current for each phase

Q.62 The motor used in a mixer grinder is a:

Question ID : 51211659

- Ans
- ☒ 1. Universal motor
 - ☐ 2. DC motor
 - ☐ 3. Induction motor
 - ☐ 4. Synchronous motor

Q.63 In a transformer, _____ is found by the short circuit test.

Question ID : 51211623

- Ans
- ☐ 1. iron loss
 - ☐ 2. hysteresis loss
 - ☒ 3. copper loss
 - ☐ 4. eddy current loss

Q.64 The transformation ratio (K) of step down transformer is:

Question ID : 51211622

- Ans
- ☐ 1. $K > 1$
 - ☐ 2. $K = 0$
 - ☐ 3. $K = 1$
 - ☒ 4. $K < 1$

Q.65 The capacitor in a single phase induction motor is used for:

Question ID : 51211633

- Ans
- ☒ 1. improving the starting torque
 - ☐ 2. starting the motor
 - ☐ 3. reducing the harmonics
 - ☐ 4. improving the power factor

Q.66 In delta connection, the relation between line current and phase current is _____.

Question ID : 51211614

- Ans
- ☒ 1. $I_L = \sqrt{3}I_{Ph}$
 - ☐ 2. $I_L = I_{Ph}$

✗ 3. $I_L = \frac{I_{Ph}}{\sqrt{3}}$

✗ 4. $I_L = 3I_{Ph}$

Q.67 Power drawn by a 3 phase balanced load is given by:

Question ID : 51211612

Ans

✗ 1. $P = \sqrt{3}V_{Ph}I_{Ph}\cos\phi$

✗ 2. $P = V_L I_L \cos\phi$

✓ 3. $P = \sqrt{3}V_L I_L \cos\phi$

✗ 4. $P = \sqrt{3}V_L I_L$

Q.68 In synchronous motors, if the motor is provided with over excitation, then the power factor becomes

Question ID : 51211660

Ans

✓ 1. leading

✗ 2. zero

✗ 3. unity

✗ 4. lagging

Q.69 The part of the steam power plant that extracts heat from the fuel gases before applying to the boiler is the _____

Question ID : 51211667

Ans

✗ 1. draught system

✓ 2. economiser

✗ 3. condenser

✗ 4. super heater

Q.70 The collector to emitter cut off current (I_{CEO}) of a transistor is related to collector to base cut off current (I_{CBO}) as (n is CB current gain of the transistor)

Question ID : 51211624

Ans

✓ 1. $I_{CEO} = \frac{I_{CBO}}{1-\alpha}$

✗ 2. $I_{CEO} = \frac{I_{CBO}}{1+\alpha}$

✗ 3. $I_{CEO} = I_{CBO}$

✗ 4. $I_{CEO} = \alpha I_{CBO}$

Q.71 The unit of reactive power in AC series circuits is _____

Question ID : 51211618

Ans

✓ 1. VAR

✗ 2. Watts

✗ 3. VA

✗ 4. Ohms

Q.72 In electro dynamometer type wattmeter, a high non inductive resistance is connected in _____

Question ID : 51211652

Ans

✓ 1. series with moving coil

✗ 2. series with fixed coil

✗ 3. parallel with moving coil

✗ 4. parallel with fixed coil

Q.73 The basic function of any circuit breaker in the power system is to:

Question ID : 51211672

Ans

✓ 1. make or break circuit

✗ 2. only break circuit

✗ 3. control the circuit

✗ 4. only make circuit

Q.74 In hydroelectric plant, surge tank is provided for the protection of the _____

Question ID : 51211666

Ans

✗ 1. dam

✓ 2. penstock

✗ 3. power house

✗ 4. fuel tank

Q.75 In circuit breakers, the current chopping tendency is minimised by using SF_6 gas at relatively:

Question ID : 51211675

Ans

✗ 1. low pressure and high velocity

✓ 2. low pressure and low velocity

✗ 3. high pressure and low velocity

✗ 4. high pressure and high velocity

Q.1	Jawaharlal Nehru Port Trust is situated in which of the following states?	Question ID : 51211680
Ans	<input checked="" type="checkbox"/> 1. Gujarat <input checked="" type="checkbox"/> 2. Goa <input checked="" type="checkbox"/> 3. Maharashtra <input checked="" type="checkbox"/> 4. West Bengal	
Q.2	Raja Ravi Verma, the foremost Indian painter and artist was born:	Question ID : 51211686
Ans	<input checked="" type="checkbox"/> 1. Vishakhapatnam <input checked="" type="checkbox"/> 2. Thiruvananthapuram <input checked="" type="checkbox"/> 3. Chennai <input checked="" type="checkbox"/> 4. Mysore	
Q.3	Where is Bandhavgarh National Park located?	Question ID : 51211679
Ans	<input checked="" type="checkbox"/> 1. Odisha <input checked="" type="checkbox"/> 2. Kerala <input checked="" type="checkbox"/> 3. Meghalaya <input checked="" type="checkbox"/> 4. Madhya Pradesh	
Q.4	India exports electricity to only one of these four neighboring countries. Which is that country?	Question ID : 51211684
Ans	<input checked="" type="checkbox"/> 1. Nepal <input checked="" type="checkbox"/> 2. Sri Lanka <input checked="" type="checkbox"/> 3. Pakistan <input checked="" type="checkbox"/> 4. Bhutan	
Q.5	The Artificial Intelligence Engine 'Watson' belongs to:	Question ID : 51211690
Ans	<input checked="" type="checkbox"/> 1. Facebook <input checked="" type="checkbox"/> 2. Google <input checked="" type="checkbox"/> 3. Microsoft <input checked="" type="checkbox"/> 4. IBM	
Q.6	Which of the following has the power to make laws with respect to any of the matters enumerated in the Union List of the Seventh Schedule of the Constitution?	Question ID : 51211683
Ans	<input checked="" type="checkbox"/> 1. The Legislature of a State <input checked="" type="checkbox"/> 2. The Supreme Court <input checked="" type="checkbox"/> 3. Both Parliament and the State Legislature <input checked="" type="checkbox"/> 4. The Parliament	
Q.7	Economic Survey of India is presented by:	Question ID : 51211685
Ans	<input checked="" type="checkbox"/> 1. Chief Economic Adviser <input checked="" type="checkbox"/> 2. Dy. Chairman, NITI Ayog <input checked="" type="checkbox"/> 3. Chairman, NITI Ayog <input checked="" type="checkbox"/> 4. Finance Minister	
Q.8	2017 Nobel Prize for medicine has been awarded for research in which of the following areas?	Question ID : 51211689
Ans	<input checked="" type="checkbox"/> 1. Human circadian rhythm <input checked="" type="checkbox"/> 2. Infections caused by roundworm parasites <input checked="" type="checkbox"/> 3. Novel therapy against malaria <input checked="" type="checkbox"/> 4. Mechanisms of autophagy	
Q.9	In 2017, which cricketer became the fastest to score 8000 runs in ODI cricket?	Question ID : 51211687
Ans	<input checked="" type="checkbox"/> 1. Virat Kohli <input checked="" type="checkbox"/> 2. Alastair Cook <input checked="" type="checkbox"/> 3. AB De Villiers <input checked="" type="checkbox"/> 4. Chris Gayle	
Q.10	Who is the only Lok Sabha Speaker to have presided over the Parliament in two consecutive terms?	Question ID : 51211682
Ans	<input checked="" type="checkbox"/> 1. Meira Kumar <input checked="" type="checkbox"/> 2. Balram Jakhar	

✗ 3. KS Hegde

✗ 4. Rabi Ray

Q.11 Government has launched Mahatma Gandhi Sarbat Vikas Yojna (MGSVY) for the welfare of the downtrodden across the state.

Question ID : 51211688

Ans ✓ 1. Punjab

✗ 2. Gujarat

✗ 3. Maharashtra

✗ 4. Uttar Pradesh

Q.12 Who among the following was connected to the Home Rule Movement in India?

Question ID : 51211676

Ans ✓ 1. Annie Besant

✗ 2. MG Ranade

✗ 3. Rash Behari Bose

✗ 4. GC Gokhale

Q.13 The Mehrauli Iron Pillar located near the Qutub Minar belongs to the period of:

Question ID : 51211677

Ans ✗ 1. Chandragupta Maurya

✗ 2. Samudragupta

✗ 3. Ashoka

✓ 4. Chandragupta Vikramaditya

Q.14 Gandhiji edited which of the following newspapers/magazines?

Question ID : 51211678

Ans ✗ 1. Kesari

✓ 2. Harijan

✗ 3. Statesman

✗ 4. Maratha

Q.15 Keoladeo National Park is located in:

Question ID : 51211681

Ans ✓ 1. Rajasthan

✗ 2. Chhattisgarh

✗ 3. Madhya Pradesh

✗ 4. Jharkhand

Section : Quantitative Aptitude

Q.1 In a right angled triangle ABC, if angle CAR = 0, base AB = a, perpendicular BC = b and hypotenuse AC = c, then $\secant \theta =$ _____

Question ID : 512116103

Ans ✗ 1. $\frac{a}{c}$

✗ 2. $\frac{c}{b}$

✗ 3. $\frac{a}{b}$

✓ 4. $\frac{c}{a}$

Q.2 The LCM of two natural numbers is 504. Which of the following CANNOT be their HCF?

Question ID : 51211692

Ans ✗ 1. 9

✓ 2. 26

✗ 3. 24

✗ 4. 21

Q.3 If $36 : 81 :: A : 63$, find the value of A.

Question ID : 51211693

Ans ✗ 1. 142

✗ 2. 16

✗ 3. 47

✓ 4. 28

Q.4 If in an arithmetic progression, $a_{24} = 2 a_{10}$, then $a_{72} = 2x$. Find the value of x.

Question ID : 512116101

Ans ✗ 1. a_{35}

✗ 2. a_{24}

✓ 3. a_{34}

✗ 4. a_{54}

Q.5 If the mean of numbers 7, 3, 5, a and 12 is 8, then find the value of "a".

Question ID : 512116100

- Ans
- ☐ 1. 14
 - ☒ 2. 13
 - ☐ 3. 15
 - ☐ 4. 11

Q.6 In 24 kg of rice, costing ₹ 46 per kg, how much rice costing ₹ 71 per kg should be mixed so that the cost of the mixture is worth ₹ 62 per kg?

Question ID : 512116197

- Ans
- ☐ 1. 34 kg
 - ☐ 2. 36 kg
 - ☐ 3. 35 kg
 - ☒ 4. 32 kg

Q.7 What is the interest payable at 6% p.a. compound interest on a loan of ₹ 20,000 after 2 years?

Question ID : 512116194

- Ans
- ☒ 1. ₹ 2,472
 - ☐ 2. ₹ 2,420
 - ☐ 3. ₹ 2,400
 - ☐ 4. ₹ 2,272

Q.8 The efficiency of A is double than that of B. If both working together can finish a work in 10 days, then B alone can finish the same work in how many days?

Question ID : 512116199

- Ans
- ☐ 1. 15
 - ☐ 2. 25
 - ☐ 3. 20
 - ☒ 4. 30

Q.9 The angle of elevation of the top of an 18 m high pole from a point on the ground is 30° . What is the distance of the point from the foot of the pole?

Question ID : 512116102

- Ans
- ☐ 1. $18\sqrt{2} m$
 - ☐ 2. $9\sqrt{3} m$
 - ☐ 3. $9\sqrt{2} m$
 - ☒ 4. $18\sqrt{3} m$

Q.10 An article worth ₹ 4,000 is sold at a profit of 10%. 2% discount is allowed on the sale price for cash payment. What is the net profit on cash sales?

Question ID : 512116195

- Ans
- ☐ 1. ₹ 400
 - ☒ 2. ₹ 312
 - ☐ 3. ₹ 320
 - ☐ 4. ₹ 360

Q.11 The factors of $xy - ab + by - xa$ are:

Question ID : 512116104

- Ans
- ☒ 1. $(y - a)(x + b)$
 - ☐ 2. $(a - y)(x + b)$
 - ☐ 3. $(y - a)(x - b)$
 - ☐ 4. $(a + y)(x - b)$

Q.12 P bought an article at a discount of 20% on the selling price and sold it at a profit of 15% more than the selling price. Find his gain percentage.

Question ID : 512116196

- Ans
- ☐ 1. 31.25%
 - ☐ 2. 35.00%
 - ☒ 3. 43.75%
 - ☐ 4. 30.50%

Q.13 If l and m are the roots of the equation $x^2 + px + q = 0$, then $\frac{-1}{l}$ and $\frac{-1}{m}$ are the roots of:

Question ID : 512116105

- Ans
- ☐ 1. $qx^2 + px + 1 = 0$
 - ☐ 2. $x^2 - px + q = 0$
 - ☒ 3. $qx^2 - px + 1 = 0$
 - ☐ 4. $x^2 + px + q = 0$

Q.14 Find the least number that is exactly divisible by all even numbers lying between 10 and 20.

Question ID : 512116191

- Ans
- ☐ 1. 10080
 - ☐ 2. 5040
 - ☒ 3. 1008

Q.15 A train of length 150 m crosses a bridge in 22 seconds. If the speed of train is 54 km/h, what is the length of the bridge?

Question ID : 51211698

- Ans
- ☒ 1. 150 m
 - ☒ 2. 200 m
 - ☒ 3. 220 m
 - ☒ 4.

Section : General Intelligence and Reasoning

Q.1 Six buildings L, M, N, X, Y, and Z stand in a circle facing the centre. Each building is exactly opposite another one. Building X is not immediately next to either building M or Z. Building M is to building Y's immediate right. Building N is exactly opposite building X. Building L, which is opposite building X, has building Z to its immediate right. Which of the following buildings is located to building Z's immediate right?

Question ID : 512116111

- Ans
- ☒ 1. L
 - ☒ 2. X
 - ☒ 3. N
 - ☒ 4. M

Q.2 Which word CANNOT be formed using letters of the given word not more than the number of times each letter appears in the given word?

Question ID : 512116113

DISTINCTION

- Ans
- ☒ 1. INSTINCT
 - ☒ 2. IDIOTIC
 - ☒ 3. STRICT
 - ☒ 4. NICOTIN

Q.3 A bird starts from a garage and travels 15 km to the north. It then turns right and goes for 12 km. Finally turning left, it goes for a distance of 4 km to reach the airport. To which direction is the airport with respect to the starting point?

Question ID : 512116118

- Ans
- ☒ 1. North-east
 - ☒ 2. South-west
 - ☒ 3. North-west
 - ☒ 4. South-east

Q.4 In a code language, SYMBOLISM is coded as MSITORMYS. How will DECORATED be coded in that language?

Question ID : 512116112

- Ans
- ☒ 1. DETAROCED
 - ☒ 2. RATEDOCED
 - ☒ 3. DETARDECO
 - ☒ 4. RATEDDECO

Q.5 Select the option that is related to the third term in the same way as the second term is related to the first term.

Question ID : 512116108

9 : 72 :: 14 : ?

- Ans
- ☒ 1. 182
 - ☒ 2. 196
 - ☒ 3. 168
 - ☒ 4. 126

Q.6 Some equations are solved on the basis of a certain system. On the same basis select the most appropriate option from amongst the four alternatives for the unsolved equation.

Question ID : 512116115

 $25 \times 64 = -3, 49 \times 81 = -2, 36 \times 64 = ?$

- Ans
- ☒ 1. 48
 - ☒ 2. 10
 - ☒ 3. 2
 - ☒ 4. -2

Q.7 In a code language, MARK is written as 8776, MILK as 8543 and CALM as 2748. How is CAMEL most likely to be written in that code?

Question ID : 512116116

- Ans
- ☒ 1. 13547
 - ☒ 2. 53172
 - ☒ 3. 64135
 - ☒ 4. 27864

Q.8 If SALT is called CHILLI, CHILLI is called LIME, LIME is called SUGAR, and SUGAR is called RICE, which of the following will be definitely sweet?

Question ID : 512116117

- Ans
- ☒ 1. CHILLI
 - ☒ 2. SALT
 - ☒ 3. LIME
 - ☒ 4. RICE

Q.9 What will come in place of the blank in the series?

Question ID : 512116119

0, 8, 24, 48, _____, 120

- ☒ 1. 64
☒ 2. 96
☒ 3. 80
☒ 4. 72

Q.10 What will be the value of the expression given below if sign '+' is interchanged with sign '-' and the number '5' is interchanged with '4' in the T.F.S?

Question ID : 512116114

$$(80 - 4) + 5 = ?$$

- Ans ☒ 1. 20
☒ 2. 71
☒ 3. 15.2
☒ 4. 12

Q.11 Select the option that is related to the third term in the same way as the second term is related to the first term.

Question ID : 512116109

Fox : Vixen :: Horse : ?

- Ans ☒ 1. Doe
☒ 2. Ewe
☒ 3. Mare
☒ 4. Sow

Q.12 Veer has a sister, Shakti. Kumar is Gul's father and Manisha is Preeti's daughter. Veer's wife is Preeti and Kumar is Shakti's husband. How are Gul and Manisha related?

Question ID : 512116106

- Ans ☒ 1. Niece
☒ 2. Cousin
☒ 3. Sister
☒ 4. Aunt

Q.13 In a cricket match Ajay scored more runs than Balraj. Chetan scored more runs than Deepak, and Ganesh scored more runs than Ajay but not more than Deepak. Who among the given friends scored the maximum runs?

Question ID : 512116110

- Ans ☒ 1. Balraj
☒ 2. Ajay
☒ 3. Chetan
☒ 4. Deepak

Q.14 What will come in place of the blank in the series?

Question ID : 512116120

200, 170, 145, 125, 110, _____, 95

- Ans ☒ 1. 90
☒ 2. 100
☒ 3. 105
☒ 4. 110

Q.15 Select the option that is related to the third term in the same way as the second term is related to the first term.

Question ID : 512116107

5 : 125 :: 6 : ?

- Ans ☒ 1. 216
☒ 2. 144
☒ 3. 240
☒ 4. 136

Section : General English

Comprehension:

It is difficult today to imagine about life without electricity. When did Thomas Alva Edison invent the electric light? Well, that was about 125 years ago. What about lamps before that time? There have been various forms of lamps since prehistoric times. The first lamps may have been brush set afire in an animal skull filled with fat. Later, but still thousands of years ago, Egyptians placed cotton wicks inside hollow stones filled with grease. Greeks and Romans shaped lamps from bronze or terra cotta and used olive oil for fuel. Candles were a great improvement when they appeared. In the 1700s the discovery that under glass a flame burns more brightly and with less smoke led to glass encasements. Whale oil was the main source of fuel at this time until scientists learned to use gas as a fuel. In the 1800s, kerosene lamps appeared on the scene. Prior to Edison's invention, gaslight lamps were widely used. They were not only functional but also sometimes ornate decorations for the home.

SubQuestion No : 1

Q.1 The description in the passage about the first lamps may be said to be:

Question ID : 512116123

- Ans
- ☒ 1. Highly accurate
 - ☒ 2. Guesswork
 - ☒ 3. Totally inaccurate
 - ☒ 4. Pure imagination

Comprehension:

Read the passage carefully and answer the questions based on it.

It is difficult today to imagine about life without electricity. When did Thomas Alva Edison invent the electric light? Well, that was about 125 years ago. What about lamps before that time? There have been various forms of lamps since prehistoric times. The first lamps may have been brush set afire in an animal skull filled with fat. Later, but still thousands of years ago, Egyptians placed cotton wicks inside hollow stones filled with grease. Greeks and Romans shaped lamps from bronze or terra cotta and used olive oil for fuel. Candles were a great improvement when they appeared. In the 1700s the discovery that under glass a flame burns more brightly and with less smoke led to glass encasements. Whale oil was the main source of fuel at this time until scientists learned to use gas as a fuel. In the 1800s, kerosene lamps appeared on the scene. Prior to Edison's invention, gaslight lamps were widely used. They were not only functional but also sometimes ornate decorations for the home.

SubQuestion No : 2

Q.2 When did people start using kerosene as a source of fuel for lamps?

Question ID : 512116124

- Ans
- ☒ 1. 18th century
 - ☒ 2. Pre-historic times
 - ☒ 3. 19th century
 - ☒ 4. 20th century

Comprehension:

It is difficult today to imagine about life without electricity. When did Thomas Alva Edison invent the electric light? Well, that was about 125 years ago. What about lamps before that time? There have been various forms of lamps since prehistoric times. The first lamps may have been brush set afire in an animal skull filled with fat. Later, but still thousands of years ago, Egyptians placed cotton wicks inside hollow stones filled with grease. Greeks and Romans shaped lamps from bronze or terra cotta and used olive oil for fuel. Candles were a great improvement when they appeared. In the 1700s the discovery that under glass a flame burns more brightly and with less smoke led to glass encasements. Whale oil was the main source of fuel at this time until scientists learned to use gas as a fuel. In the 1800s, kerosene lamps appeared on the scene. Prior to Edison's invention, gaslight lamps were widely used. They were not only functional but also sometimes ornate decorations for the home.

SubQuestion No : 3

Q.3 What did the Greeks and Romans use as fuel for their lamps?

Question ID : 512116125

- Ans
- ☒ 1. Whale oil
 - ☒ 2. Olive oil
 - ☐ 3. Grease
 - ☐ 4. Animal fat

Comprehension:

Read the passage carefully and answer the questions based on it.

It is difficult today to imagine about life without electricity. When did Thomas Alva Edison invent the electric light? Well, that was about 125 years ago. What about lamps before that time? There have been various forms of lamps since prehistoric times. The first lamps may have been brush set afire in an animal skull filled with fat. Later, but still thousands of years ago, Egyptians placed cotton wicks inside hollow stones filled with grease. Greeks and Romans shaped lamps from bronze or terra cotta and used olive oil for fuel. Candles were a great improvement when they appeared. In the 1700s the discovery that under glass a flame burns more brightly and with less smoke led to glass encasements. Whale oil was the main source of fuel at this time until scientists learned to use gas as a fuel. In the 1800s, kerosene lamps appeared on the scene. Prior to Edison's invention, gaslight lamps were widely used. They were not only functional but also sometimes ornate decorations for the home.

SubQuestion No : 4

Q.4 An appropriate title for the above passage would be:

Question ID : 512116122

- Ans
- ☒ 1. Lights Before Electric Lamps
 - ☐ 2. Edison's Improved Versions of Lights
 - ☐ 3. Prehistoric Lamps
 - ☐ 4. The Various Uses of Lamps

Comprehension:

It is difficult today to imagine about life without electricity. When did Thomas Alva Edison invent the electric light? Well, that was about 125 years ago. What about lamps before that time? There have been various forms of lamps since prehistoric times. The first lamps may have been brush set afire in an animal skull filled with fat. Later, but still thousands of years ago, Egyptians placed cotton wicks inside hollow stones filled with grease. Greeks and Romans shaped lamps from bronze or terra cotta and used olive oil for fuel. Candles were a great improvement when they appeared. In the 1700s the discovery that under glass a flame burns more brightly and with less smoke led to glass encasements. Whale oil was the main source of fuel at this time until scientists learned to use gas as a fuel. In the 1800s, kerosene lamps appeared on the scene. Prior to Edison's invention, gaslight lamps were widely used. They were not only functional but also sometimes ornate decorations for the home.

SubQuestion No : 5

Q.5 _____ is a synonym of the word 'ornate' as found in the last line of the passage.

Question ID : 512116126

- Ans
- ☒ 1. Mechanical
 - ☒ 2. Elaborate
 - ☒ 3. Gigantic
 - ☒ 4. Beautiful

Q.6 Identify the error in the sentence given.

Question ID : 512116172

The government feels that rice production need to be increased.

- Ans
- ☒ 1. rice production
 - ☒ 2. The government
 - ☒ 3. feels that
 - ☒ 4. need to be increased

Q.7 Choose the correct meaning of the underlined word:

Question ID : 512116156

Emperor Asoka effected many reforms during his time.

- Ans
- ☒ 1. Was against
 - ☒ 2. Balanced
 - ☒ 3. Affected
 - ☒ 4. Brought about

Q.8 Fill in the blank with the appropriate preposition:

Question ID : 512116133

I have a problem. I can't sleep _____ night.

- Ans
- ☒ 1. on
 - ☒ 2. at
 - ☒ 3. in
 - ☒ 4. from

Q.9 Choose the appropriate antonym of the underlined word:

Question ID : 512116164

The king will accept your proposal.

- Ans
- ☒ 1. listen to
 - ☒ 2. reject
 - ☒ 3. admit
 - ☒ 4. challenge

Q.10 Choose the appropriate antonym of the underlined word:

Question ID : 512116167

Everyone thought that the king would rejoice.

- Ans
- ☒ 1. praise
 - ☒ 2. avoid
 - ☒ 3. celebrate
 - ☒ 4. lament

Q.11 Choose the appropriate antonym of the underlined word:

Question ID : 512116166

There was a deficit of ₹ 21,000 in his budget.

- Ans
- ☒ 1. shortage
 - ☒ 2. problem
 - ☒ 3. dearth
 - ☒ 4. surplus

Q.12 Choose the correct meaning of the underlined word:

Question ID : 512116162

The government decided to waive the debts of all the poor farmers.

- Ans
- ☒ 1. frame
 - ☒ 2. propose
 - ☒ 3. relinquish
 - ☒ 4. wave

Q.13 Choose the correct meaning of the underlined word:

Question ID : 512116161

The captain showed his mettle by playing against the English bowlers.

- Ans
- ☒ 1. air
 - ☒ 2. quantity
 - ☒ 3. quality
 - ☒ 4. progress

Q.14 Choose the correct meaning of the underlined word:

Question ID : 512116159

A confrontation between the two groups looks imminent.

- Ans
- ☒ 1. nearly impossible
 - ☒ 2. about to happen
 - ☒ 3. deadly
 - ☒ 4. remarkable

Q.15 Identify which type of pronoun the underlined word is:

Question ID : 512116142

The tall man looked at himself in the mirror.

- Ans
- ☒ 1. Personal
 - ☒ 2. Reflexive
 - ☒ 3. Possessive
 - ☒ 4. Relative

Q.16 Identify the error in the sentence given.

Question ID : 512116180

She has returned to Nagpur, hasn't she?

- Ans
- ☒ 1. hasn't she?
 - ☒ 2. to Nagpur
 - ☒ 3. She
 - ☒ 4. has returned

Q.17 Identify which type of pronoun the underlined word is:

Question ID : 512116143

We permitted the boys to stay at our farm.

- Ans
- ☒ 1. possessive
 - ☒ 2. distributive
 - ☒ 3. reflexive
 - ☒ 4. relative

Q.18

Question ID : 512116140

The elephant is an animal with great strength.

- Ans
- ☒ 1. Collective
 - ☒ 2. Common
 - ☒ 3. Abstract
 - ☒ 4. Material

Q.19 Identify the error in the sentence given.

Question ID : 512116176

Why don't you meet the chairman. He shall help you.

- Ans
- ☒ 1. Why don't you
 - ☒ 2. shall help you
 - ☒ 3. the chairman
 - ☒ 4. meet

Q.20 Identify the error in the sentence given.

Question ID : 512116175

All the furnitures need to be polished again.

- Ans
- ☒ 1. furnitures
 - ☒ 2. polished again
 - ☒ 3. need to be
 - ☒ 4. All the

Q.21 Identify the adverb in the given sentence:

Question ID : 512116129

Did you know that these boys speak Sanskrit well?

- Ans
- ☒ 1. know
 - ☒ 2. well
 - ☒ 3. speak
 - ☒ 4. these

Q.22 Change the voice of the below sentence:

Question ID : 512116150

Renu said that somebody had smashed her window.

- Ans
- ☒ 1. Renu said that her window was smashed by somebody.
 - ☒ 2. Renu said that her window is smashed by somebody.
 - ☒ 3. Renu said that her window had smashed somebody.
 - ☒ 4. Renu said that her window had been smashed by somebody.

Q.23 Identify the conjunction in the following sentence:

Question ID : 512116144

You will not succeed unless you work really hard.

- Ans
- ☒ 1. unless
 - ☒ 2. will not
 - ☒ 3. succeed
 - ☒ 4. work

Q.24 Select the option that indicates the most appropriate direct speech form of the following sentence.

Question ID : 512116149

"I have read this poem before," said the little girl.

- Ans
- ☒ 1. The little girl says that she had read that poem earlier.
 - ☒ 2. The little girl says that she read that poem earlier.
 - ☒ 3. The little girl said that she read that poem earlier.
 - ☒ 4. The little girl said that she had read that poem earlier.

Q.25 Select the option that indicates the most appropriate indirect speech form of the following sentence.

Question ID : 512116146

"Call the witness," said the magistrate to his staff.

Ans ☒ 1.

The magistrate told the staff to call the witness.

☒ 2.

The magistrate requested his staff to call the witness.

☒ 3.

The magistrate ordered his staff to call the witness.

☒ 4.

The magistrate asked the staff to call the witness.

Q.26 Identify the underlined part of speech in the given sentence:

Question ID : 512116139

Isn't that a new jacket you're wearing?

Ans ☒ 1. Adjective

☒ 2. Adverb

☒ 3. Preposition

☒ 4. Noun

Q.27 Identify the error in the sentence given.

Question ID : 512116179

Ashoka was great king. People liked him very much.

Ans ☒ 1. People liked him

☒ 2. very much

☒ 3. was great king

☒ 4. Ashoka

Q.28 Identify the adverb in the given sentence:

Question ID : 512116130

I feel terribly sorry for your loss.

Ans ☒ 1. sorry

☒ 2. feel

☒ 3. loss

☒ 4. terribly

Q.29 Choose the correct meaning of the underlined word:

Question ID : 512116155

The new inspector in town is averse to violence.

Ans ☒ 1. Dislike

☒ 2. Ready

☒ 3. Favourable

☒ 4. Support

Q.30 Identify the adverb in the given sentence:

Question ID : 512116127

Our PT master can run very fast.

Ans ☒ 1. Run

☒ 2. Fast

☒ 3. Master

☒ 4. Our

Q.31 Choose the correct meanings of the underlined words/phrases:

Question ID : 512116171

The boundary wall near the house is the bone of contention between the two brothers.

Ans ☒ 1. difficulty

☒ 2. cause of dispute

☒ 3. friendliness

☒ 4. bias

Q.32 Identify the underlined part of speech in the given sentence:

Question ID : 512116137

George cooked for us a delicious meal.

- Ans
- ☒ 1. Conjunction
 - ☒ 2. Adjective
 - ☒ 3. Adverb
 - ☒ 4. Verb

Q.33 Change the voice of the below sentence:

Question ID : 512116151

The injured boy had to be taken to the clinic by them.

- Ans
- ☒ 1. They had to take the injured boy to the clinic.
 - ☒ 2. They took the injured boy to the clinic.
 - ☒ 3. They have to take the injured boy to the clinic.
 - ☒ 4. They were taking the injured boy to the clinic.

Q.34 Identify the error in the sentence given.

Question ID : 512116173

One has to find joy and satisfaction in his work.

- Ans
- ☒ 1. One has to
 - ☒ 2. joy and satisfaction
 - ☒ 3. find
 - ☒ 4. in his work

Q.35 Fill in the blank with the appropriate preposition:

Question ID : 512116136

The new bakery near my house opens ____ 7a.m every day.

- Ans
- ☒ 1. since
 - ☒ 2. in
 - ☒ 3. at
 - ☒ 4. on

Q.36 Choose the correct meaning of the underlined word:

Question ID : 512116157

Your teacher says that your handwriting is quite illegible.

- Ans
- ☒ 1. readable
 - ☒ 2. unreadable
 - ☒ 3. beautiful
 - ☒ 4. ordinary

Q.37 Choose the appropriate antonym of the underlined word:

Question ID : 512116165

The flowering of this plant is a frequent occurrence.

- Ans
- ☒ 1. common
 - ☒ 2. minor
 - ☒ 3. major
 - ☒ 4. rare

Q.38 Identify the error in the sentence given.

Question ID : 512116174

The man said, "Madam I finished my work. May I go home?"

- Ans
- ☒ 1. May I
 - ☒ 2. I finished my work
 - ☒ 3. Madam
 - ☒ 4. The man said

Q.39 Fill in the blank with the appropriate preposition:

Question ID : 512116135

Let's meet Rajesh today. He does not work ____ Saturdays

- Ans
- ☒ 1. in
 - ☒ 2. on
 - ☒ 3. to

Q.40 Change the voice of the sentences:

Question ID : 512116153

I think Sham will be invited to the party.

Ans ☒ 1. I think they will invite Sham to the party.

☐ 2.

I think they will be inviting Sham to the party.

☐ 3. I think Sham is invited to the party.

☐ 4. I think they are inviting Sham to the party.

Q.41 Select the option that indicates the most appropriate indirect speech form of the following sentence.

Question ID : 512116147

"Would you like to attend the summer camp?" said the NCC officer.

Ans ☒ 1.

The NCC officer asked me whether I would like to attend the summer camp.

☐ 2.

The NCC officer had asked me whether I would like to attend the summer camp.

☐ 3.

The NCC officer ordered me whether I would like to attend the summer camp.

☐ 4.

The NCC officer asked me whether I am to attend the summer camp.

Q.42 Fill in the blank with the appropriate preposition:

Question ID : 512116132

Ram is going to the cinema _____ Saturday.

Ans ☒ 1. on

☐ 2. through

☐ 3. in

☐ 4. at

Q.43 Identify the adverb in the given sentence:

Question ID : 512116131

Mahesh got up late today morning.

Ans ☐ 1. got up

☒ 2. late

☐ 3. today

☐ 4. morning

Q.44 Identify the error in the sentence given.

Question ID : 512116177

The Vice Chancellor have not agreed to the proposal.

Ans ☐ 1. the proposal

☐ 2. The Vice Chancellor

☐ 3. agreed to

☒ 4. have not

Q.45 Select the option that indicates the most appropriate indirect speech form of the following sentence.

Question ID : 512116145

The old man said to the jailer, "Please let me go and see my son."

Ans ☐ 1.

The old man asked the jailer to permit him to go and see his son.

☐ 2.

The old man said to the jailer to permit him to go and see his son.

☒ 3.

The old man requested the jailer to permit him to go and see his son.

☐ 4.

The old man told the jailer to permit him to go and see his son.

Q.46 Choose the appropriate antonym of the underlined word:

Question ID : 512116163

Mr. Kumar, the miser, lives at the corner of this street.

Ans ☒ 1. spendthrift

☐ 2. mister

☐ 3. saver

Q.47 Fill in the blank with the appropriate preposition:

Question ID : 512116134

Sati has to catch two flights to reach home _____ the Christmas day.

- Ans
- ☒ 1. on
 - ☐ 2. at
 - ☐ 3. from
 - ☐ 4. in

Q.48 Identify the underlined part of speech in the given sentence:

Question ID : 512116138

Hush! Don't wake the sleeping giant.

- Ans
- ☐ 1. Adjective
 - ☐ 2. Adverb
 - ☒ 3. Interjection
 - ☐ 4. Conjunction

Q.49 Choose the correct meanings of the underlined words/phrases:

Question ID : 512116170

If you try to book a ticket at the eleventh hour, you may not get the required seats.

- Ans
- ☒ 1. in the last minute
 - ☐ 2. at 11pm
 - ☐ 3. when the hour is eleven
 - ☐ 4. in eleven hours

Q.50 Choose the correct meaning of the underlined word:

Question ID : 512116160

The artist was captivated by the beauty of the mountains.

- Ans
- ☐ 1. put down
 - ☒ 2. fascinated
 - ☐ 3. put off
 - ☐ 4. challenged

Q.51 Choose the correct meanings of the underlined words/phrases:

Question ID : 512116169

The recent victory in the tournament finals is a feather in the cap of our football captain.

- Ans
- ☐ 1. a cap full of feathers
 - ☐ 2. a black mark
 - ☒ 3. an achievement
 - ☐ 4. a feathered cap

Q.52 Select the option that indicates the most appropriate direct speech form of the following sentence.

Question ID : 512116148

Soni said, "I am buying a new pen."

- Ans
- ☐ 1. Soni said that she had a new pen.
 - ☐ 2. Soni said that she was going to buy a new pen.
 - ☒ 3. Soni said that she was buying a new pen.
 - ☐ 4. Soni said that she had bought a new pen.

Q.53 Identify the error in the sentence given.

Question ID : 512116178

"What would you like to order, Sir?" "Two teas, please."

- Ans
- ☒ 1. Two teas
 - ☐ 2. please
 - ☐ 3. What would you
 - ☐ 4. like to order

Q.54 Choose the correct meanings of the underlined words/phrases:

Question ID : 512116168

Fiscal management is the alpha and omega of our business firm.

- Ans
- ☐ 1. Strong background
 - ☒ 2. The beginning and the end
 - ☐ 3. Immense importance

Q.55 Change the voice of the below sentence:

Question ID : 512116154

It is believed that the prisoner escaped by digging a tunnel.

Ans ✗ 1.

The prisoner is believed to escape by digging a tunnel.

✗ 2.

The prisoner is believed to have been escaped by digging a tunnel.

✗ 3.

They think that the prisoner escaped by digging a tunnel.

✓ 4.

The prisoner is believed to have escaped by digging a tunnel.

Q.56 Change the voice of the below sentence:

Question ID : 512116152

You should wash this new dress by hand.

Ans ✓ 1.

This new dress should be washed by hand by you.

✗ 2.

This new dress is washed by hand by you.

✗ 3.

This new dress is being washed by hand by you.

✗ 4.

This new dress was washed by hand by you.

Q.57 Choose the correct meaning of the underlined word:

Question ID : 512116158

For a college-going student, Sruthi's behaviour is often childish.

Ans ✗ 1. mature

✗ 2. bold

✓ 3. immature

✗ 4. confident

Q.58 Identify the adverb in the given sentence:

Question ID : 512116128

It is unfortunate that our seminar was badly organised.

Ans ✗ 1. unfortunate

✓ 2. badly

✗ 3. seminar

✗ 4. our

Q.59 Identify the error in the sentence given.

Question ID : 512116181

The value of Indian currency has fallen down.

Ans ✗ 1. The value

✗ 2. of Indian currency

✗ 3. has

✓ 4. fallen down

Q.60 Identify which type of noun the underlined word is:

Question ID : 512116141

The jury pronounced a 'not guilty' verdict, which surprised many.

Ans ✗ 1. Abstract

✗ 2. Proper

✗ 3. Common

✓ 4. Collective