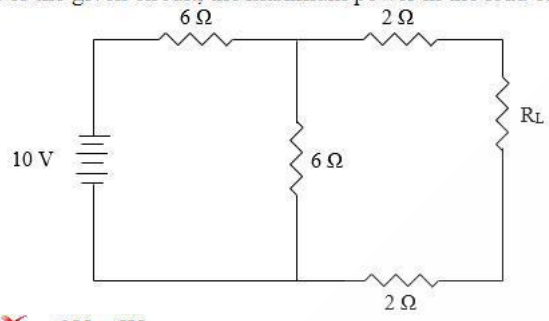
JE_EE_10th April_ Shift_2-2018

Q.1 For the given circuit, the maximum power in the load can be: Question ID :626766193



Ans
1. 658 mW
2. 10 mW
3. 893 mW
4. 840 mW

Q.2 A solenoid having N turns and I amperes will have an inductance of _____ henry. Question ID :626766200

Ans
1. $\frac{N\emptyset}{I}$
2. $\frac{N}{I}$
3. $\frac{I}{N}$
4. $\frac{I\emptyset}{N}$

Q.3 While measuring the insulation resistance of complete wiring installation to earth using Megger, the resistance measured must not be less than: Question ID :626766250

Ans
1. $\frac{50\ M\Omega}{\text{no. of outlets (Point + switches)}}$
2. $\frac{500\ M\Omega}{\text{no. of outlets (Point + switches)}}$
3. $\frac{50\ K\Omega}{\text{no. of outlets (Point + switches)}}$
4. 25 MΩ

Q.4 In the case of an alternator connected to an infinite bus, the active power can be varied by: Question ID :626766232

Ans
1. changing both, prime mover speed and field excitation
2. changing the prime mover speed
3. changing the field excitation
4. changing the power factor

Q.5 The de-ionisation of the medium in current zero method of arc extinction is NOT achieved by: Question ID :626766239

Ans
1. lengthening of the gap between the contacts
2. splitting the arc
3. cooling the arc
4. increasing the pressure in the vicinity of arc

Q.6 The type of electrode used in seam welding is: Question ID :626766253

Ans
1. Bare wire rods
2. Heavily coated electrode
3. Lightly covered electrode
4. Roller electrode

Q.7 Question626766187

During discharging of a capacitor of C = 100 μf through a resistance of 1 KΩ applied with 50 V, the voltage at the time of its time constant is: ID :

Ans
1. ✔ 18.5 V
2. ✘ 20 V
3. ✘ 15 V
4. ✘ 50 V

Q.8 Synchronous motors for rotary kilns run at: Question ID :626766235

Ans
1. ✘ ultra-high speeds
2. ✔ ultra-low speeds
3. ✘ high speeds
4. ✘ medium speeds

Q.9 During the starting of a slip ring induction motor using rotor resistance starter, the insertion of resistance in the rotor circuit causes: Question ID :626766221

Ans
1. ✔ stator current to increase and torque to decrease
2. ✘ stator current to decrease and torque to increase
3. ✘ stator current to increase and power factor to decrease
4. ✘ power factor to decrease and torque to increase

Q.10 What is the force of attraction between two electric charges of opposite polarity having 1 Coulomb each when placed at a distance of 1 m? Question ID :626766186

Ans
1. ✘ 9×10^9 Newton
2. ✘ 5.54×10^{11} Newton
3. ✔ 8.854×10^{12} Newton
4. ✘ $4\pi \times 10^9$ Newton

Q.11 Phase voltage and current of a 3Ø, three-wire star-connected system, with an inductive load of power factor 0.707 (lag), is 150 V and $30\sqrt{3}$ A. If the power in the system is being measured using two wattmeters, the difference in meter readings is: Question ID :626766202

Ans
1. ✘ 10.46 KW
2. ✘ 2.26 KW
3. ✘ 3.95 KW
4. ✔ 9.54 KW

Q.12 When a DC series motor is started with an open field winding connection, the motor will: Question ID :626766210

Ans
1. ✔ have a dangerously high speed
2. ✘ not start
3. ✘ run normally, but deliver more output
4. ✘ run normally, but deliver less output

Q.13 In a balanced 3Ø system, the zero phase sequence currents are: Question ID :626766238

Ans
1. ✘ maximum
2. ✘ minimum
3. ✔ zero
4. ✘ varying

Q.14 What is the composition of the alloy 'Kanthal' (used as a heating element in electrical heating systems)? Question ID :626766252

Ans
1. ✘ Chromium, aluminium, nickel
2. ✔ Chromium, aluminium, cobalt
3. ✘ Chromium, copper, cobalt
4. ✘ Chromium, aluminium, cobalt, iron

Q.15 In a salient pole synchronous machine, the MMF acting along the d-axis is: Question ID :626766229

Ans
1. ✘ Only armature MMF
2. ✘ The field MMF and armature MMF
3. ✘ No MMF
4. ✔ Only field MMF

Q.16 A DC generator having 2-layer lap winding is wound with 4-poles and 18 coils. The pole pitch in this case is: Question ID :626766212

Ans
1. ✔ 8
2. ✘ 9
3. ✘ 36
4. ✘ 7

Q.17 In the case of an ideal transformer, the primary supply voltage and current are: Question ID :626766214

Ans
1. ✘ in phase with each other
2. ✘ mutually perpendicular to each other

✔ 3. out of phase with each other

✘ 4. at 'Ø' degrees with each other , where $0 < Ø < 90°$

Q.18 In a transformer, the load component of a primary current may be calculated as: Question ID :626766215

Ans
✘ 1. $I_2' = \left(\frac{N_1}{N_2}\right) \times I_2$

✘ 2. $I_2' = \left(\frac{I_2}{I_1}\right) \times I_2$

✘ 3. $I_2' = \left(\frac{V_1}{V_2}\right) \times I_2$

✔ 4. $I_2' = \left(\frac{N_2}{N_1}\right) \times I_2$

Q.19 What is the principle behind the working of phase sequence indicators for 3Ø unbalanced 3-wire loads? Question ID :626766205

Ans
✘ 1. Line voltage depends on phase sequence

✘ 2. Phase current depends on phase sequence

✘ 3. Line current depends on phase sequence

✔ 4. Phase voltage depends on phase sequence

Q.20 A fluorescent tube of 20 W has a luminous flux of: Question ID :626766248

Ans
✘ 1. 325 lumens

✔ 2. 14 lumens

✘ 3. 950 lumens

✘ 4. 75 lumens

Q.21 For zero power factor leading loads, the effect of an armature reaction in an alternator is: Question ID :626766233

Ans
✘ 1. distortional

✔ 2. cross-magnetising

✘ 3. magnetising

✘ 4. de-magnetising

Q.22 The magnitude of flux in a magnetic circuit may be calculated as: Question ID :626766194

Ans
✘ 1. $\frac{NI}{l}$

✘ 2. $\frac{NI\mu}{\left(\frac{l}{A}\right)}$

✔ 3. $\frac{NI}{\left(\frac{l}{\mu A}\right)}$

✘ 4. $\frac{NIl}{(\mu A)}$

Q.23 A room measuring 12 × 20 ft is illuminated by 10 lamps rated 100 W each with an efficiency of 12 lumens/watt. Assuming a depreciation factor of 1.5 and coefficient of utilisation as 0.5, the illumination at the plane of the room is: Question ID :626766251

Ans
✘ 1. 23.48 lumens/ft^2

✔ 2. 16.67 lumens/ft^2

✘ 3. 48.36 lumens/ft^2

✘ 4. 37.54 lumens/ft^2

Q.24 In a parallel operation of 1Ø transformers, a dead short circuit can happen if: Question ID :626766216

Ans
✘ 1. their percentage impedances are not equal

✔ 2. there is a difference in the transformation ratios of the transformers

✘ 3. the power factors of transformer don't match with that of the load

✘ 4. paralleling is done with incorrect polarities

Q.25 Which of the following materials can be used as an arc quenching medium in High Rupturing Capacity (HRC) fuse? Question ID :626766241

Ans
✔ 1. Mica

✘ 2. Argon gas

✘ 3. Aluminium

✘ 4. Plaster of Paris

Q.26 In case of an electromechanical generator, the frequency is: Question ID :626766207

Ans
✘ 1. directly proportional to voltage

✘ 2. directly proportional to speed

✔ 3. indirectly proportional to speed

✘ 4. indirectly proportional to power

Q.27 According to Tellegen's Theorem, the sum of instantaneous powers for the *n* branches in a network is always: Question ID :626766192

Ans
✘ 1. A constant

✔ 2. Equal to zero
✘ 3. In-phase with current
✘ 4. Alternating

Q.28 The principle of 'single resonating atom' may be used in the measurement of: Question ID :626766208

Ans
✘ 1. Torque
✘ 2. Speed
✔ 3. phase angle
✘ 4. Frequency

Q.29 In 3Ø power measurement for a balanced load using the two-wattmeter method, the reactive power is given by: Question ID :626766203

Ans
✔ 1. the sum of both the wattmeter readings
✘ 2. 3 times the difference of the readings of the two wattmeters
✘ 3. $\sqrt{3}$ times the sum of the readings of the two wattmeters
✘ 4. $\sqrt{3}$ times the difference of the readings of the two wattmeters

Q.30 The cable used for high voltage applications is: Question ID :626766247

Ans
✘ 1. Vulcanised India Rubber (VIR) cables
✘ 2. Polythene insulated cable
✔ 3. Elastomer insulated cable
✘ 4. Gas-filled cable

Q.31 The magneto motive force experienced by a unit N-pole at any point in a circle of 'r' meters away from the centre of a bunch of 'N' conductors carrying a current of I amperes each is: Question ID :626766195

Ans
✘ 1. $\frac{NI}{2\pi r}$ *oersted*
✘ 2. $\frac{NI}{4\pi r}$ *tesla*
✔ 3. $\frac{NI}{4\pi r}$ *oersted*
✘ 4. $\frac{NI}{2\pi r}$ *tesla*

Q.32 In the two-wattmeter method of 3Ø power measurement, if the phase sequence of the supply is reversed: Question ID :626766206

Ans
✘ 1. one of the meters will show a negative reading
✔ 2. the meters will not read
✘ 3. there won't be a change in meter readings
✘ 4. the reading of wattmeters will be interchanged

Q.33 For unity power factor loads, the effect of an armature reaction in an alternator is: Question ID :626766234

Ans
✘ 1. magnetising
✘ 2. cross-magnetising
✘ 3. de-magnetising
✔ 4. distortional

Q.34 Input power supplied during a short-circuit test on a transformer equals: Question ID :626766218

Ans
✔ 1. Total losses
✘ 2. Iron loss
✘ 3. Copper loss
✘ 4. Output power

Q.35 In busbar protection, what is the method of providing an earthed metal barrier surrounding a bus bar throughout its length called? Question ID :626766243

Ans
✘ 1. Distance protection
✘ 2. Time graded over current protection
✘ 3. Fault bus protection
✔ 4. Differential protection

Q.36 Reactance electromotive force in the stator of an alternator: Question ID :626766228

Ans
✘ 1. is out of phase with the current
✘ 2. is in phase with the current
✔ 3. lags current by 90°
✘ 4. leads current by 90°

Q.37 Which of the following is NOT a static compensation equipment for transmission lines? Question ID :626766245

Ans
✘ 1. Shunt reactors
✘ 2. Synchronous motor

✔ 3. Series capacitors
✘ 4. Shunt capacitors

Q.38 The series field of a long-shunt compound generator is excited by a: Question ID :626766213

Ans
✘ 1. Field current
✘ 2. Armature current
✔ 3. Supply current
✘ 4. Load current

Q.39 The direction of rotation of a R-split phase single-phase induction motor may be reversed: Question ID :626766225

Ans
✘ 1. by reversing the auxiliary terminals only
✘ 2. by reversing either the auxiliary terminals or the main terminals
✔ 3. by reversing the main terminals only
✘ 4. by reversing the supply terminals

Q.40 In torque-slip characteristics of an induction motor, at normal speeds close to synchronism the torque is: Question ID :626766222

Ans
✘ 1. directly proportional to the slip
✘ 2. not dependent on the slip
✘ 3. maximum
✔ 4. inversely proportional to the slip

Q.41 In the process of Nickel plating of iron articles, iron will first be applied with a film of _____ to ensure good quality. Question ID :626766254

Ans
✔ 1. chromium
✘ 2. silver
✘ 3. aluminium
✘ 4. copper

Q.42 Which of the options is INCORRECT for the following statement? Question ID :626766183

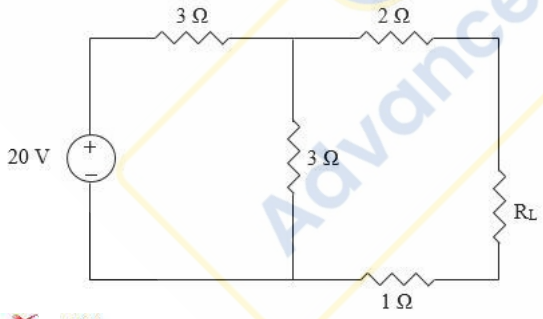
Three resistances are said to be parallel when:

Ans
✔ 1. current in each resistor is different and may be calculated by Ohm's Law.
✘ 2. all the resistances are connected end-to-end.
✘ 3. the total current is the sum of the three separate currents.
✘ 4. potential difference across all resistances is the same.

Q.43 When two alternators are in exact synchronism, their terminal voltages are: Question ID :626766230

Ans
✔ 1. similar in external circuit and local circuit
✘ 2. equal and in same direction with regard to external circuit
✘ 3. In opposite directions as compared to the external circuit
✘ 4. equal and in the same direction with regard to armature

Q.44 In the given circuit, the value of load resistance for which the power delivered is maximum is: Question ID :626766191



Ans
✘ 1. 2 Ω
✘ 2. 9 Ω
✘ 3. 4.5 Ω
✔ 4. 6 Ω

Q.45 As per double field revolving theory, a sinusoidally alternating flux can be looked upon as the combination of two revolving fluxes: Question ID :626766223

Ans
✘ 1. equal in magnitude to that of the alternating flux, rotating at synchronous speed in the same direction
✔ 2. of half the magnitude of the alternating flux, rotating at synchronous speed in the same direction
✘ 3. equal in magnitude to that of the alternating flux, rotating at synchronous speed in opposite directions
✘ 4. of half the magnitude of the alternating flux, rotating at synchronous speed in opposite directions

Q.46 Power stations and sub-stations are protected against direct strokes of lightning using: Question ID :626766244

Ans
✘ 1. Rod Gap arrester
✘ 2. Overhead ground wires

✔ 3. Earthing screen
✘ 4. Horn Gap arrester

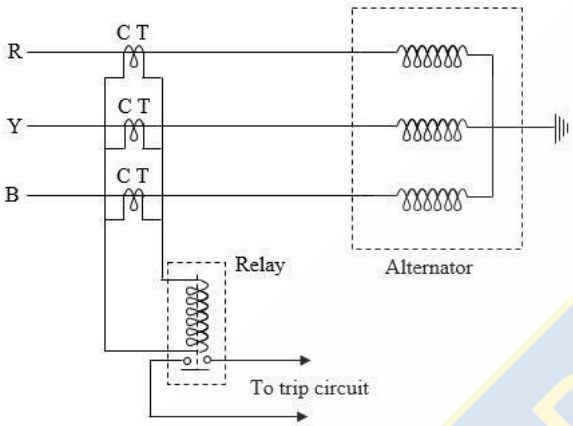
Q.47 The one-wattmeter method of 3Ø power measurement can only be used for: Question ID :626766204

Ans ✔ 1. Unbalanced load
✘ 2. Balanced delta connected load
✘ 3. Balanced load
✘ 4. Balanced star connected load

Q.48 In common–collector configuration of bipolar junction transistor (BJT), the output voltage is: Question ID :626766256

Ans ✘ 1. in phase with the input voltage
✘ 2. shifted by 270° from the input voltage
✔ 3. out of phase with the input voltage
✘ 4. shifted by 90° from the input voltage

Q.49 The schematic arrangement given is of protection of alternator against: Question ID :626766242



Ans ✔ 1. earth fault
✘ 2. unbalanced loading
✘ 3. insulation failure of stator windings
✘ 4. turn-to-turn fault in any single stator winding

Q.50 In the method of synchronisation of alternator to the bus-bar, a synchronoscope indicates correct speed when: Question ID :626766231

Ans ✔ 1. the pointer moves towards the right
✘ 2. the pointer vibrates at the centre
✘ 3. the pointer points vertically up
✘ 4. the pointer moves towards the left

Q.51 In the method of speed control of induction motor by inducing emf in the rotor circuit, if the injected voltage is in phase opposition to the induced rotor emf, then: Question ID :626766220

Ans ✘ 1. the rotor resistance decreases
✔ 2. the rotor resistance increases
✘ 3. the rotor reactance decreases
✘ 4. the rotor reactance increases

Q.52 The reluctance of a straight magnetic path is: Question ID :626766197

Ans ✔ 1. inversely proportional to area
✘ 2. directly proportional to area
✘ 3. directly proportional to permeability
✘ 4. inversely proportional to length

Q.53 Intrinsic semiconductors at room temperature have: Question ID :626766246

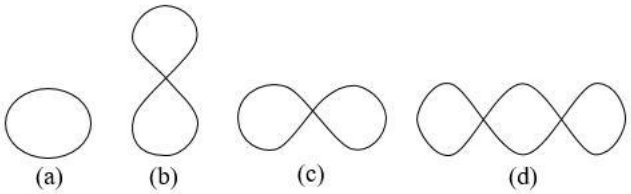
Ans ✘ 1. Equal number of holes and free electrons
✘ 2. Number of holes does not depend upon the number of free electrons
✔ 3. Number of holes < number of free electrons
✘ 4. Number of holes > number of free electrons

Q.54 Which of the following is NOT a method of earth resistance measurement? Question ID :626766249

Ans ✘ 1. Fall of potential method
✘ 2. Three-point method
✔ 3. Two-point method
✘ 4. Potier method

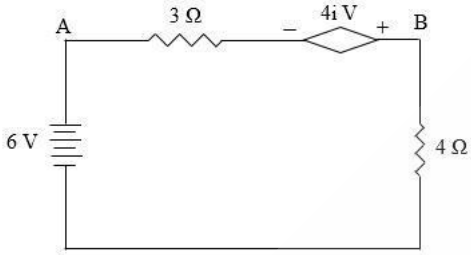
Q.55 From the given Lissajous patterns obtained while measuring frequency using a cathode-ray oscilloscope (CRO), select the pattern which indicates the relationship Question ID : 626766209

$f_v = \frac{1}{2} f_h$.



Ans
1. (c) ✗
2. (d) ✓
3. (b) ✗
4. (a) ✗

Q.56 For the given circuit, current through 3 Ω resistance is: Question ID :626766189



Ans
1. 2 A (from A to B) ✗
2. 3.5 A (from B to A) ✓
3. 1.7 A (from B to A) ✗
4. 3 A (from A to B) ✗

Q.57 Demand factor of a power plant is: Question ID :626766237

Ans
1. $\frac{\text{Average demand}}{\text{maximum demand}}$ ✗
2. $\frac{\text{average demand}}{\text{plant capacity}}$ ✓
3. $\frac{\text{maximum demand}}{\text{connected load}}$ ✗
4. $\frac{\text{station energy output}}{\text{plant capacity} \times \text{hrs of use}}$ ✗

Q.58 Voltage regulation and efficiency of four transformers A, B, C & D are as given below: Question ID :626766217

A - 5% regulation & 94% efficiency
B - 2% regulation & 96% efficiency
C - 5% regulation & 97% efficiency
D - 2% regulation & 97% efficiency

The transformer that is in a good working condition is:

Ans
1. C ✓
2. B ✗
3. D ✗
4. A ✗

Q.59 Which of the following motors can be used as a part of a control circuit in robotic applications? Question ID :626766226

Ans
1. Universal motor ✓
2. Servo motor ✗
3. Schrage motor ✗
4. AC series motor ✗

Q.60 Solid state power supplies are protected from high voltage surges due to lightning using: Question ID :626766184

Ans
1. Zinc-oxide-based varistors ✗
2. Metal film resistors ✓
3. Metal glaze resistors ✗
4. Silicon-carbide varistors ✗

Q.61 The force on each of the conductors infinitely long and carrying a current of 1 A separated by a distance of 1 m in vacuum is: Question ID :626766198

Ans

1. 10×10^{-7} N
2. 2×10^{-7} N
3. $4\pi \times 10^{-7}$ N
4. 9×10^{-9} N

Q.62 If during no-load test on an induction motor it takes 10 A current and 300 Watts of power at a line voltage of 200 V, the stator core loss will be: (Assume stator resistance / phase as 0.3 Ω) Question ID : 626766219

Ans
1. 300 W
2. 192 W
3. 165 W
4. 210 W

Q.63 In nodal analysis, for a network of N nodes, the number of simultaneous equations to be solved to get the unknowns is: Question ID : 626766190

Ans
1. N − 1
2. N(N − 1)
3. N(N + 1)
4. N

Q.64 Calculate the length of a wire required for an electric radiator to dissipate 1 kW when connected to a 230 V supply, if the coils of the radiator are made of wire 0.5 mm in diameter having resistivity of 60 μΩ.cm. Question ID : 626766182

Ans
1. 753 cm
2. 1456 cm
3. 400 cm
4. 1732 cm

Q.65 In steam power stations, the condenser creates a _____ at the exhaust of the turbine. Question ID :626766236

Ans
1. very high pressure
2. very low pressure
3. very high temperature
4. very low temperature

Q.66 In case of a DC machine, the efficiency is maximum when: Question ID :626766185

Ans
1. Copper loss in the field circuit = constant loss
2. Copper loss in the armature circuit = constant loss
3. Winding resistance = winding reactance
4. Frictional loss = copper loss

Q.67 Which of the following can be used as a dopant to make N-type semiconductor? Question ID :626766255

Ans
1. Boron
2. Indium
3. Aluminium
4. Arsenic

Q.68 The circuit whose properties or characteristics change with the direction of its operation is: Question ID :626766188

Ans
1. Non-linear
2. Unilateral
3. Bilateral
4. Linear

Q.69 Two identical coils X and Y of 500 turns each lie in parallel planes such that 80% of flux produced by one coil links with the other. If a current of 5 A flowing in 'X' produces a flux of 10 mWb in it, the mutual inductance between X and Y is: Question ID : 626766201

Ans
1. 1 H
2. 8 H
3. 100 H
4. 0.8 H

Q.70 Which of the following is NOT an advantage of having a stationary armature in a synchronous machine: Question ID :626766227

Ans
1. It becomes easy for the armature to carry the stator flux
2. It becomes easier to insulate the armature windings
3. The output voltage can be directly connected to the load without brushes
4. The slip rings get transferred to the low power DC circuit

Q.71 The term 'permeance' in a magnetic circuit is analogous to _____ in an electric circuit. Question ID :626766196

Ans
1. impedance
2. susceptance
3. conductance
4. reluctance

Q.72 Which of the following is a commonly used circuit breaker in India, for rural outdoor applications ranging from 22 KV to 66 KV? Question ID :626766240

Ans
✔ 1. Air blast circuit breaker
✘ 2. SF6 circuit breaker
✘ 3. Vacuum circuit breaker
✘ 4. Plain break oil circuit breaker

Q.73 In a conductor of length l m moving in a magnetic field of constant flux density Bwb/m^2 at an angle of θ with the direction of magnetic flux, the e.m.f induced will be (assume the conductor travels 'x' meters in 't' seconds): Question ID :626766199

Ans
✔ 1. $e = BlCos\theta\frac{dx}{dt}$
✘ 2. $e = BlxSin\theta$
✘ 3. $e = BlxtSin\theta$
✘ 4. $e = BlSin\theta\frac{dx}{dt}$

Q.74 Select the motor with the least starting torque: Question ID :626766224

Ans
✘ 1. R-split phase induction motor
✘ 2. Shaded-pole induction motor
✔ 3. Capacitor-start, induction-run motor
✘ 4. Capacitor-start, capacitor- run motor

Q.75 The function of brushes in a DC generator is to: Question ID :626766211

Ans
✘ 1. convert AC to DC
✘ 2. collect current from the commutator
✔ 3. hold the armature windings
✘ 4. provide low reluctance path for the magnetic flux

Section : General Awareness

Q.1 Union Budget 2017 announced the establishment of _____ India International skill centres. Question ID :626766266

Ans
✘ 1. 500
✘ 2. 2000
✔ 3. 100
✘ 4. 1000

Q.2 What is the full form of FDI? Question ID :626766265

Ans
✔ 1. Foreign Debenture Investment
✘ 2. Foreign Direct Investment
✘ 3. Foreign Developmental Investment
✘ 4. Foreign Diversified Investment

Q.3 M. F. Hussain, the famous painter, also made a movie named: Question ID :626766267

Ans
✘ 1. Mandakini
✘ 2. Gaja Gamini
✔ 3. Heroine
✘ 4. Rang Rasiya

Q.4 What is a piece of land surrounded by water on all sides called? Question ID :626766260

Ans
✘ 1. Plateau
✔ 2. Desert
✘ 3. Peninsula
✘ 4. Island

Q.5 The Swadeshi Andolan was started in the year: Question ID :626766259

Ans
✘ 1. 1902
✘ 2. 1909
✔ 3. 1907
✘ 4. 1905

Q.6 Which of the following sultans of Delhi Sultanate constructed the Qutub Minar? Question ID :626766258

Ans
✘ 1. Muhammad Ghori
✘ 2. Razia Sultan
✔ 3. Qutubuddin Aibak
✘ 4. Ghiyas ud din Balban

Q.7 The emergency declared by Indira Gandhi in 1975 comes under the purview of: Question ID :626766263

Ans
✘ 1. Terrorist & Disruptive Activities Emergency
✘ 2. State Emergency
✔ 3. Financial Emergency

✗ 4. National Emergency

Q.8 In the movie 'Wonder Woman', who plays the role of Diana/Wonder Woman? Question ID :626766271

Ans
✗ 1. Rachel McAdams
✗ 2. Scarlett Johansson
✗ 3. Gal Gadot
✓ 4. Gwyneth Paltrow

Q.9 Partition of Bengal took place in the year _____. Question ID :626766257

Ans
✓ 1. 1905
✗ 2. 1906
✗ 3. 1901
✗ 4. 1911

Q.10 Hampi, a world heritage site in Karnataka, is located in the district of: Question ID :626766262

Ans
✗ 1. Kodagu (Coorg)
✗ 2. Udupi
✓ 3. Belgaum
✗ 4. Bellary

Q.11 Which of the following set of articles of the Indian Constitution guarantees the Right to Equality? Question ID :626766264

Ans
✗ 1. Article 19 to Article 22
✗ 2. Article 32 to Article 35
✗ 3. Article 14 to Article 18
✓ 4. Article 25 to Article 28

Q.12 Why was Dr. Soumya Swaminathan in the news recently? Question ID :626766270

Ans
✗ 1. Research in the field of curing TB
✗ 2. Cancer drug discovery
✗ 3. Appointment as Deputy Director General for Programmes of WHO
✓ 4. Cure for Osteoporosis

Q.13 The India-Japan Smart Grid Pilot Project was inaugurated in _____. Question ID :626766269

Ans
✗ 1. Sonipat
✗ 2. Karnal
✓ 3. Rohtak
✗ 4. Panipat

Q.14 Who won the women's singles title at the Korea Open Super Series 2017? Question ID :626766268

Ans
✗ 1. Vaishnavi Jakka Reddy
✗ 2. Jwala Gutta
✓ 3. Nozomi Okuhara
✗ 4. P. V. Sindhu

Q.15 Which Indian state has the highest density of roads? Question ID :626766261

Ans
✗ 1. Kerala
✓ 2. Maharashtra
✗ 3. Uttar Pradesh
✗ 4. Delhi

Section : Quantitative Aptitude

Q.1 A real estate broker received equal amount of commission from both the purchaser and the seller on the sale price of a house of ₹ 52 lakhs. He received a total commission of ₹ 2.34 lakh. Find the percentage of commission that he received from the purchaser. Question ID :626766276

Ans
✓ 1. 2.25%
✗ 2. 2.50%
✗ 3. 4.25%
✗ 4. 4.50%

Q.2 If $cos\ \theta = \frac{8}{17}$, find $cosec\ \theta$. Question ID :626766284

Ans
✗ 1. $\frac{15}{17}$
✓ 2. $\frac{17}{15}$
✗ 3. $\frac{15}{8}$
✗ 4. $\frac{17}{8}$

Q.3 A 12 m high pole is tied with a rope to make it vertical to the ground. If the rope makes an angle of 30° with the ground, what is the length of the rope? Question ID :626766283

Ans
✔ 1. 18 m
✘ 2. $12\sqrt{2}$ m
✘ 3. $6\sqrt{3}$ m
✘ 4. 24m

Q.4 Find the least number which, when divided by 12, 16 and 36, leaves remainder 5 in each case. Question ID :626766272

Ans
✔ 1. 144
✘ 2. 293
✘ 3. 12
✘ 4. 149

Q.5 A student got the following marks in the questions of a question paper: 5, 4, 6, 3, 1, 8, 2, 0 and 7. Find the median. Question ID :626766281

Ans
✘ 1. 6
✔ 2. 4
✘ 3. 3
✘ 4. 2

Q.6 Factors of $23xy - 46x + 54y - 108$ are: Question ID :626766285

Ans
✘ 1. $(y-2)(23x+54)$
✔ 2. $(23x+54y)(y-2)$
✘ 3. $(y+2)(23x+54)$
✘ 4. $(23x+54y)(-46x-108)$

Q.7 A company sold an article worth ₹ 1000 to a dealer at 10% profit. The dealer sold it to a sub-dealer retaining a profit of 10%. The sub-dealer sold it to his customer at a profit of 10%. What was the cost price for the customer? Question ID :626766277

Ans
✘ 1. ₹ 1,464.10
✔ 2. ₹ 1,331.00
✘ 3. ₹ 1,300.00
✘ 4. ₹ 1,210.00

Q.8 If $s_n = n(4n+1)$, then the arithmetic progression is: Question ID :626766282

Ans
✘ 1. 5, 14, 22, 30, 38, ...
✘ 2. 5, 12, 20, 28, 36, ...
✘ 3. 5, 13, 21, 29, 37, ...
✔ 4. 5, 10, 15, 20, 25, ...

Q.9 A loan of ₹ 24,000 is repayable in 2 years at 5% compound interest. Find the amount of interest payable on maturity. Question ID :626766275

Ans
✔ 1. ₹ 2,460
✘ 2. ₹ 2,640
✘ 3. ₹ 2,406
✘ 4. ₹ 2,064

Q.10 The HCF of two co-prime numbers is: Question ID :626766273

Ans
✘ 1. the greater of the two numbers
✘ 2. the sum of the two numbers
✘ 3. 1
✔ 4. the product of the two numbers

Q.11 The values of x in $3^{2x^2-7x-7} = 9$ is: Question ID :626766286

Ans
✘ 1. $\frac{9}{2}, -1$
✘ 2. $\frac{-9}{2}, -1$
✔ 3. $\frac{9}{2}, 1$
✘ 4. $\frac{-9}{2}, 1$

Q.12 'A' and 'B' can do a certain work in 20 days, 'B' and 'C' in 15 days and 'C' and 'A' in 12 days. If they work together, then in how many days will the work be completed? Question ID :626766280

Ans
✘ 1. 5
✘ 2. 10
✔ 3. 6
✘ 4. 8

Q.13 A train is running with a speed of 54 km/h. If it crosses a 200 m long bridge in 22 seconds, what is the length of the train? Question ID :626766279

Ans
✔ 1. 130 m
✘ 2. 120 m

3. 135 m
4. 140 m

Q.14 In an election, the winner secured seven-ninth of the total votes. If the loser won 50936 votes, what was the total number of votes cast? Question ID : 626766274

Ans
1. 346122
2. 229212
3. 458424
4. 297846

Q.15 From 600 ml of 40% solution of spirit, some quantity of solution is replaced by 16% solution of spirit. If the mixture so obtained contains 24% solution of spirit, how much solution of 40% spirit was replaced? Question ID : 626766278

Ans
1. 320 ml
2. 420 ml
3. 400 ml
4. 360 ml

Section : General Intelligence and Reasoning

Q.1 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 : 626766290

Bear : Cub : : Deer : ?

Ans
1. Fawn
2. Foal
3. Joey
4. Pup

Q.2 In a football tournament, team 'A' won more matches than team 'B'. Team 'C' won more matches than team 'D'. Team 'G' won more matches than team 'A' but NOT more team 'D'. Who among the given teams won the least number of matches? Question ID : 626766291

Ans
1. Team 'A'
2. Team 'G'
3. Team 'D'
4. Team 'B'

Q.3 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 : 626766288

325 : 30 : : 536 : ?

Ans
1. 45
2. 60
3. 90
4. 120

Q.4 Abhimanyu rides a sports bike from his home to the racing track. First, he goes 4 km to the North; then, turns left and goes for 6 km. Finally, he turns right and goes for a distance of 4 km to reach the racing track. What is the shortest distance between Abhimanyu's home and the racing track? Question ID : 626766299

Ans
1. 21 km
2. 10 km
3. 7 km
4. 9 km

Q.5 Select the most appropriate option to fill in the blank. Question ID : 626766301

1, 6, 16, 31, 51, 76, _____, 141

Ans
1. 105
2. 106
3. 100
4. 101

Q.6 Some equations are solved on the basis of a certain system. On the same basis find out the correct answer from amongst the four alternatives for the unsolved equation. Question ID : 626766296

$64 \times 25 = 40$, $36 \times 16 = 24$, $81 \times 49 = ?$

Ans
1. 16
2. 63
3. 64
4. 32

Q.7 Which word CANNOT be formed using letters of the given word. Each letter can be used only as may time(s) as it appears in the given word. Question ID : 626766294

CULTIVATION

Ans
1. OUTCAST
2. VIOLENT

3. LUNATIC
4. TITANIC

Q.8 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 :626766289

12 : 72 : : 16 : ?

Ans
1. 64
2. 128
3. 86
4. 256

Q.9 If MANGO is called GUAVA; GUAVA is called BERRY; BERRY is called COCONUT; and COCONUT is called ORANGE, which of the following will definitely have a hard shell? Question ID :626766298

Ans
1. BERRY
2. MANGO
3. GUAVA
4. ORANGE

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 '8'in the LHS? Question ID :626766295

(96 - 5) ÷ 8 = ?

Ans
1. 6
2. 11.4
3. 83
4. 7

Q.11 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 'M'. Building 'L', which is opposite building 'X', has building 'Z' to its immediate right. Which of the following buildings is located between building 'L' and 'Y'? Question ID :626766292

Ans
1. X
2. M
3. Z
4. N

Q.12 Vikas is Leela's mother's only brother. Vikas's mother's only daughter is Chandani. How is Chandani related to Leela? Question ID :626766287

Ans
1. Mother
2. Sister
3. Daughter
4. Aunt

Q.13 In a code language, DROP is written in a certain code as 1234, POST as 4356 and PORT as 4326, how will SORT be written in that code? Question ID :626766297

Ans
1. 5326
2. 1432
3. 4516
4. 2514

Q.14 In a code language, NITROGEN is coded as NEGONITR. How will DECISIVE be coded in that language? Question ID :626766293

Ans
1. ECISDIVE
2. DECIEVIS
3. EVISDECI
4. EVISICED

Q.15 Select the most appropriate option to fill in the blank. Question ID :626766300

0, 1, 3, 6, 10, 15, _____, 28

Ans
1. 18
2. 20
3. 15
4. 21

Section : General English

Comprehension:

Answer questions based on the following passage.

The great white shark is larger, faster and more dangerous than most sharks. It can reach a length of 20 feet and weigh 70,000 pounds. Though its preferred diet is seals and dolphins, this fearsome fish regularly attacks almost any type of warm-blooded animal. In its snout are small holes that lead to receptors. These receptors pick up electrical nerve signals in the prey. The shark also has other sensors that detect blood in the water. Very rare in tropical or polar regions, great whites patrol mainly temperate ocean coastlines. Their body is designed for efficiency in the water. It is broad in the middle and tapered at the ends for streamlined movement. Wing-like pectoral fins provide lift and stability. An oil stored in the liver adds buoyancy. The tail fins are vertical and act as a rudder for fast turns. Amazingly, it never stops swimming. All sharks are fish and most are carnivores. The great white is the world's largest predatory shark. The whale shark is nearly twice as big, but like a Baleen whale, eats mainly plankton. The Blue Whale is the largest known mammal to ever live. Its size ranges from 70 to 100 feet in length and up to 125 tons (250,000 pounds) in weight.

Q.1

SubQuestion No : 1

What helps the great white shark in making fast turns while swimming? Question ID : 62676

Ans

✗ 1. Streamlined body
✗ 2. Pectoral fins
✓ 3. Snout
✗ 4. Tail fins

Comprehension:

Answer questions based on the following passage.

The great white shark is larger, faster and more dangerous than most sharks. It can reach a length of 20 feet and weigh 70,000 pounds. Though its preferred diet is seals and dolphins, this fearsome fish regularly attacks almost any type of warm-blooded animal. In its snout are small holes that lead to receptors. These receptors pick up electrical nerve signals in the prey. The shark also has other sensors that detect blood in the water. Very rare in tropical or polar regions, great whites patrol mainly temperate ocean coastlines. Their body is designed for efficiency in the water. It is broad in the middle and tapered at the ends for streamlined movement. Wing-like pectoral fins provide lift and stability. An oil stored in the liver adds buoyancy. The tail fins are vertical and act as a rudder for fast turns. Amazingly, it never stops swimming. All sharks are fish and most are carnivores. The great white is the world's largest predatory shark. The whale shark is nearly twice as big, but like a Baleen whale, eats mainly plankton. The Blue Whale is the largest known mammal to ever live. Its size ranges from 70 to 100 feet in length and up to 125 tons (250,000 pounds) in weight.

Q.2

SubQuestion No : 2

What is the relevance of the blue whale as found in the given passage? Question ID : 6267663

Ans

✓ 1. It is a prey for the great white shark.
✗ 2. It is the largest creature on land and sea.
✗ 3. It is smaller than the whale shark.
✗ 4. It is a mammal and not a fish.

Comprehension:

Answer questions based on the following passage.

The great white shark is larger, faster and more dangerous than most sharks. It can reach a length of 20 feet and weigh 70,000 pounds. Though its preferred diet is seals and dolphins, this fearsome fish regularly attacks almost any type of warm-blooded animal. In its snout are small holes that lead to receptors. These receptors pick up electrical nerve signals in the prey. The shark also has other sensors that detect blood in the water. Very rare in tropical or polar regions, great whites patrol mainly temperate ocean coastlines. Their body is designed for efficiency in the water. It is broad in the middle and tapered at the ends for streamlined movement. Wing-like pectoral fins provide lift and stability. An oil stored in the liver adds buoyancy. The tail fins are vertical and act as a rudder for fast turns. Amazingly, it never stops swimming. All sharks are fish and most are carnivores. The great white is the world's largest predatory shark. The whale shark is nearly twice as big, but like a Baleen whale, eats mainly plankton. The Blue Whale is the largest known mammal to ever live. Its size ranges from 70 to 100 feet in length and up to 125 tons (250,000 pounds) in weight.

Q.3

Ans

SubQuestion No : 3

Why is the whale shark mentioned in the passage? Question ID : 6267663

✗ 1. To emphasise that it is the world's largest predatory

✗ 2. To make a comparison with the blue whale

✗ 3. To show that though it is twice as big as the great white shark, it is not predatory, as it eats plankton

✓ 4. To highlight that it is twice as large as the great white shark

Comprehension:

Answer questions based on the following passage.

The great white shark is larger, faster and more dangerous than most sharks. It can reach a length of 20 feet and weigh 70,000 pounds. Though its preferred diet is seals and dolphins, this fearsome fish regularly attacks almost any type of warm-blooded animal. In its snout are small holes that lead to receptors. These receptors pick up electrical nerve signals in the prey. The shark also has other sensors that detect blood in the water. Very rare in tropical or polar regions, great whites patrol mainly temperate ocean coastlines. Their body is designed for efficiency in the water. It is broad in the middle and tapered at the ends for streamlined movement. Wing-like pectoral fins provide lift and stability. An oil stored in the liver adds buoyancy. The tail fins are vertical and act as a rudder for fast turns. Amazingly, it never stops swimming. All sharks are fish and most are carnivores. The great white is the world's largest predatory shark. The whale shark is nearly twice as big, but like a Baleen whale, eats mainly plankton. The Blue Whale is the largest known mammal to ever live. Its size ranges from 70 to 100 feet in length and up to 125 tons (250,000 pounds) in weight.

Q.4

Ans

SubQuestion No : 4

The author of the passage uses the adjective 'amazing' with regard to what capability of the shark? Question ID : 626766303

✗ 1. Its ability to be quick and deadly

✗ 2. Its ability to never cease from swimming

✓ 3. Its ability to detect blood in the water

✗ 4. It's perfectly streamlined body

Comprehension:

Answer questions based on the following passage.

The great white shark is larger, faster and more dangerous than most sharks. It can reach a length of 20 feet and weigh 70,000 pounds. Though its preferred diet is seals and dolphins, this fearsome fish regularly attacks almost any type of warm-blooded animal. In its snout are small holes that lead to receptors. These receptors pick up electrical nerve signals in the prey. The shark also has other sensors that detect blood in the water. Very rare in tropical or polar regions, great whites patrol mainly temperate ocean coastlines. Their body is designed for efficiency in the water. It is broad in the middle and tapered at the ends for streamlined movement. Wing-like pectoral fins provide lift and stability. An oil stored in the liver adds buoyancy. The tail fins are vertical and act as a rudder for fast turns. Amazingly, it never stops swimming. All sharks are fish and most are carnivores. The great white is the world's largest predatory shark. The whale shark is nearly twice as big, but like a Baleen whale, eats mainly plankton. The Blue Whale is the largest known mammal to ever live. Its size ranges from 70 to 100 feet in length and up to 125 tons (250,000 pounds) in weight.

SubQuestion No : 5

Q.5 The great white shark can mostly be found in _____ regions. Question ID : 62676

Ans
✗ 1. extreme
✗ 2. tropical
✓ 3. temperate
✗ 4. polar

Q.6 Select the most suitable substitute for the underlined word in the given sentence. Question ID :626766338

The criminal <u>feigned</u> madness to escape punishment

Ans
✗ 1. Believed
✗ 2. Confessed
✓ 3. Pretended
✗ 4. Admitted

Q.7 Select the option that is the correct active voice form of the given sentence. Question ID :626766332

Five hundred people are employed by this company.

Ans
✗ 1. This company employ five hundred people.
✗ 2. This company has employed five hundred people.
✗ 3. This company is employing five hundred people.
✓ 4. This company employs five hundred people.

Q.8 Fill in the blank with an appropriate preposition. Question ID :626766316

Prakash stayed with us _____ three days.

Ans
✓ 1. on
✗ 2. for
✗ 3. in
✗ 4. to

Q.9 Select the most suitable substitute for the underlined word in the given sentence. Question ID :626766340

I am not very <u>sanguine</u> about getting their support in this matter.

Ans
✗ 1. Hopeless
✓ 2. Hopeful
✗ 3. Clear
✗ 4. Agreeable

Q.10 The following sentence has been divided into 4 parts, one of which contains an error. Select the option with the error. Question ID : 626766356

We've bought / the latest machineries / available / on the market.

Ans
✗ 1. on the market.
✗ 2. available
✓ 3. the latest machineries
✗ 4. We've bought

Q.11 Question ID : 626766349

Select the most suitable substitute for the underlined phrase in the given sentence.

The corruption is so rampant here that it is difficult to get anything done without greasing the palm of the officials.

Ans
✔ 1. Spoiling
✗ 2. Washing
✗ 3. Shaking
✗ 4. Bribing

Q.12 The following sentence has been divided into 4 parts, one of which contains an error. Select the option with the error. Question ID : 626766355

Sunanda is / extremely intelligent / but / lack of motivation.

Ans
✔ 1. Sunanda is
✗ 2. but
✗ 3. extremely intelligent
✗ 4. lack of motivation.

Q.13 Fill in the blank with an appropriate preposition. Question ID :626766314

Hurry up man! The train leaves _____ 5 minutes.

Ans
✗ 1. from
✔ 2. in
✗ 3. on
✗ 4. at

Q.14 Identify the adverb in the given sentence. Question ID :626766308

I can hardly see the flowers from here.

Ans
✗ 1. see
✗ 2. from
✗ 3. here
✔ 4. hardly

Q.15 Select the most appropriate antonym of the underlined word. Question ID :626766348

The officers feel that they are superior to the other employees.

Ans
✗ 1. Arrogant
✗ 2. Better
✔ 3. Inferior
✗ 4. Shy

Q.16 Identify the type of the underlined pronoun. Question ID :626766323

Daniel told me to use his new bike.

Ans
✗ 1. Possessive
✗ 2. Relative
✗ 3. Reflexive
✔ 4. Personal

Q.17 Select the most suitable substitute for the underlined word in the given sentence. Question ID :626766343

The CEO has given his assent to employ additional staff in the office.

Ans
✗ 1. Reply
✔ 2. Consent
✗ 3. Opposition
✗ 4. Reaction

Q.18 Select the most appropriate antonym of the underlined word. Question ID :626766347

Some of the back-benchers feel that ignorance is bliss.

Ans
✗ 1. Meaning
✗ 2. Studies
✗ 3. Academics
✔ 4. Knowledge

Q.19 Select the most suitable substitute for the underlined word in the given sentence. Question ID :626766341

Akshay Kumar plays a dual role in his latest film.

Ans
✗ 1. Composed
✗ 2. Violent

✗ 3. Ordinary
✓ 4. Double

Q.20 The following sentence has been divided into 4 parts, one of which contains an error. Select the option with the error. Question ID : 626766354

We have purchased / lots of equipments / for our department / this year.

Ans ✓ 1. for our department
✗ 2. lots of equipments
✗ 3. this year.
✗ 4. We have purchased

Q.21 Identify the adverb in the given sentence. Question ID :626766311

Don't walk so slow! You are a big boy now.

Ans ✗ 1. big
✓ 2. slow
✗ 3. boy
✗ 4. walk

Q.22 Select the option that is the correct direct speech of the given sentence. Question ID :626766329

The princess said that she had a wonderful dream the previous night.

Ans ✗ 1. The princess says, "I had a wonderful dream last night."
✗ 2. The princess said, "I have a wonderful dream last night."
✓ 3. The princess says, "I have a wonderful dream last night."
✗ 4. The princess said, "I had a wonderful dream last night."

Q.23 Identify the underlined part of speech in the given sentence. Question ID :626766320

That is a <u>beautiful</u> vase that Sumit has purchased.

Ans ✗ 1. Adverb
✗ 2. Preposition
✗ 3. Noun
✓ 4. Adjective

Q.24 Fill in the blank with an appropriate preposition. Question ID :626766315

We have been working in this office _____ 2010.

Ans ✗ 1. for
✗ 2. since
✗ 3. at
✓ 4. in

Q.25 Select the option that is the correct passive voice form of the given sentence. Question ID :626766335

It is alleged that the actor drove the car at a very high speed.

Ans ✗ 1. The actor is alleged to driven the car at a very high speed.
✗ 2. The actor was alleged to have driven the car at a very high speed.
✓ 3. The actor is alleged to have driven the car at a very high speed.
✗ 4. The actor is alleged to drive the car at a very high speed.

Q.26 The following sentence has been divided into 4 parts, one of which contains an error. Select the option with the error. Question ID : 626766362

Have you seen / Betsy? / Doesn't she resemble / like her sister?

Ans ✓ 1. Have you seen
✗ 2. Betsy?
✗ 3. Doesn't she resemble
✗ 4. like her sister?

Q.27 The following sentence has been divided into 4 parts, one of which contains an error. Select the option with the error. Question ID : 626766357

Since he was / extremely hungry / he ordered for / a third roti.

Ans ✗ 1. a third roti.
✗ 2. Since he was
✓ 3. he ordered for
✗ 4. extremely hungry

Q.28 Question ID :626766331

Select the option that is the correct passive voice form of the given sentence.

A loud noise woke us up during the night.

Ans
1. We were awaken by a loud noise during the night.
2. We were waken by a loud noise during the night.
3. We were woken up by a loud noise during the night.
4. We were woken up by a noise during the night.

Q.29 Identify the underlined part of speech in the given sentence. Question ID :626766319

Hello! What brings you to these parts of the neighbourhood?

Ans
1. Interjection
2. Adjective
3. Adverb
4. Conjunction

Q.30 Select the option that is the correct indirect speech of the given sentence. Question ID :626766326

"It's alright officer," the man said reassuringly. "I'm just waiting for a friend."

Ans
1. The man told the officer that it was alright and that he was just waiting for a friend.
2. The man tells the officer reassuringly that it was alright and that he was just waiting for a friend.
3. The man said to the officer that it was alright and that he was just waiting for a friend.
4. The man told the officer reassuringly that it was alright and that he was just waiting for a friend.

Q.31 The following sentence has been divided into 4 parts, one of which contains an error. Select the option with the error. Question ID :626766361

The groom / arrived late / for the wedding, / isn't it?

Ans
1. The groom
2. arrived late
3. isn't it?
4. for the wedding

Q.32 Select the option that is the correct passive voice form of the given sentence. Question ID :626766333

Water covers most of the Earth's surface.

Ans
1. Most of the Earth's surface was covered by water.
2. Most of the Earth's surface is covered by water.
3. Most of the Earth's surface covered by water.
4. Most of the Earth's surface is being covered by water.

Q.33 Select the most suitable substitute for the underlined word in the given sentence. Question ID :626766336

We must try to avert risky manoeuvres on our journey.

Ans
1. Prevent
2. Accept
3. Challenge
4. Admit

Q.34 Identify the underlined part of speech in the given sentence. Question ID :626766318

The weather is pleasant today, isn't it?

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

Q.35 The following sentence has been divided into 4 parts, one of which contains an error. Select the option with the error. Question ID :626766359

The sceneries / depicted by / this new artist / are charming.

Ans
1. depicted by
2. this new artist
3. are charming.
4. The sceneries

Q.36 Question ID :626766337

Select the most suitable substitute for the underlined word in the given sentence.

Such practices do not conform to the rules of this institution.

Ans
✔ 1. Agree with
✗ 2. Rely on
✗ 3. Understand
✗ 4. Accept

Q.37 Identify the type of the underlined noun. Question ID :626766321

Wisdom is always better than strength.

Ans
✗ 1. Collective
✔ 2. Abstract
✗ 3. Common
✗ 4. Material

Q.38 Select the most suitable substitute for the underlined phrase in the given sentence. Question ID :626766351

Himesh is a person who loves to blow his own trumpet, especially in front of women.

Ans
✗ 1. Speak highly about oneself
✔ 2. Play a musical instrument
✗ 3. Use the trumpet properly
✗ 4. Speak about others

Q.39 Select the most suitable substitute for the underlined phrase in the given sentence. Question ID :626766350

Anyone who has worked with my uncle knows that he is someone who will call a spade a spade.

Ans
✗ 1. Talk in plain terms
✗ 2. Talk about agriculture
✗ 3. Talk about spades
✔ 4. Talk about digging

Q.40 Identify the type of the underlined conjunction. Question ID :626766325

I don't think that the new officer is trustworthy.

Ans
✗ 1. Subordinating
✗ 2. Co-ordinating
✗ 3. Phrase
✔ 4. Correlative

Q.41 Select the most suitable substitute for the underlined phrase in the given sentence. Question ID :626766352

The children were all ears as the chief guest rose to address them.

Ans
✔ 1. Listening attentively
✗ 2. Hearing properly
✗ 3. Using their ears
✗ 4. Playing with their ears

Q.42 Select the most appropriate antonym of the underlined word. Question ID :626766344

The students learned today that the opposite poles of magnets attract.

Ans
✔ 1. Repel
✗ 2. Attach
✗ 3. Prevent
✗ 4. Join

Q.43 Select the most appropriate antonym of the underlined word. Question ID :626766345

This particular lion cub seems to be excessively timid.

Ans
✗ 1. Tired
✔ 2. Bold
✗ 3. Smart
✗ 4. Shy

Q.44 Fill in the blank with an appropriate preposition. Question ID :626766317

Our friends Satish and Uday lived in Chennai _____ 2016.

Ans
✗ 1. when

✔ 2. at
✘ 3. about
✘ 4. until

Q.45 Select the most appropriate antonym of the underlined word. Question ID :626766346

There were many covert attempts made by criminals to enter the bank.

Ans
✔ 1. Overt
✘ 2. Violent
✘ 3. Sly
✘ 4. Cunning

Q.46 Identify the adverb in the given sentence. Question ID :626766312

The three friends tried hard to get admission in the same college.

Ans
✘ 1. three
✘ 2. admission
✔ 3. hard
✘ 4. tried

Q.47 Identify the type of the underlined noun. Question ID :626766322

The police were effective in dispersing the crowd.

Ans
✘ 1. Abstract
✘ 2. Common
✘ 3. Proper
✔ 4. Collective

Q.48 The following sentence has been divided into 4 parts, one of which contains an error. Select the option with the error. Question ID :626766358

Daniel is / innocent. / Why are you / angry on him?

Ans
✘ 1. Daniel is
✔ 2. angry on him
✘ 3. innocent.
✘ 4. Why are you

Q.49 Select the most suitable substitute for the underlined word in the given sentence. Question ID :626766342

This old woman worries over imaginary fears.

Ans
✘ 1. Ideal
✘ 2. Realistic
✔ 3. Unreal
✘ 4. Deep

Q.50 Identify the adverb in the given sentence. Question ID :626766309

Why do you never take your father's words seriously?

Ans
✔ 1. seriously
✘ 2. take
✘ 3. never
✘ 4. words

Q.51 Identify the type of the underlined pronoun. Question ID :626766324

Salma picked up the hot iron and burnt herself.

Ans
✘ 1. Relative
✘ 2. Reflexive
✔ 3. Possessive
✘ 4. Distributive

Q.52 Fill in the blank with an appropriate preposition. Question ID :626766313

Sumit is starting his new job _____ 1st July.

Ans
✘ 1. at
✘ 2. till
✘ 3. in
✔ 4. on

Q.53 Select the option that is the correct direct speech of the given sentence. Question ID :626766330

Tom told his dad that he was going to the park.

Ans
1. Tom said, "I am going to the park."
2. Tom said, "Dad, I am going to the park."
3. Tom says, "Dad, I am going to the park."
4. Tom said, "Dad, I may go to the park."

Q.54 The following sentence has been divided into 4 parts, one of which contains an error. Select the option with the error. Question ID : 626766353

The boys / from Akshara Apartments / hasn't come / today.

Ans
1. hasn't come
2. The boys
3. from Akshara Apartments
4. today.

Q.55 Identify the adverb in the given sentence: Question ID :626766310

What a pity that the students are behaving selfishly!

Ans
1. selfishly
2. what
3. behaving
4. pity

Q.56 Select the option that is the correct passive voice form of the given sentence. Question ID :626766334

The gates are locked by the watchman at 8 p.m. every day.

Ans
1. The watchman locks the gates at 8 p.m. every day.
2. The watchman lock the gates at 8 p.m. every day.
3. The watchman is locking the gates at 8 p.m. every day.
4. The watchman has locked the gates at 8 p.m. every day.

Q.57 The following sentence has been divided into 4 parts, one of which contains an error. Select the option with the error. Question ID : 626766360

We have / party tonight. / Why don't you / join us?

Ans
1. We have
2. party tonight
3. Why don't you
4. join us

Q.58 Select the option that is the correct indirect speech of the given sentence. Question ID :626766328

Peter said, "I have to go home early because my sister has gone shopping."

Ans
1. Peter said that he had to go home early as his sister had gone shopping.
2. Peter said that he had to go home early as his sister has gone shopping.
3. Peter said that he has to go home early as his sister has gone shopping.
4. Peter said that he has to go home early as his sister had gone shopping.

Q.59 Select the most suitable substitute for the underlined word in the given sentence. Question ID :626766339

Audio-visual aids will facilitate the teaching of languages in the classroom.

Ans
1. Confuse
2. Make easy
3. Prevent
4. Tire

Q.60 Select the option that is the correct indirect speech of the given sentence. Question ID :626766327

Judith said to me, "Will you come and play ball with me?"

Ans
1. Judith asked me whether I may go and play ball with her.
2. Judith asked me whether I will play ball with her.
3. Judith asks me whether I would go and play ball with her.
4. Judith asked me whether I would go and play ball with her.