DMRC_JE_ Electrical_2020

Q.1 Three resistors having values of 20Ω, 30Ω and 50Ω are connected in delta formation. If delta to star conversion is performed, the equivalent resistors in star connection will be:

Ans ✓ 1. 6Ω, 15Ω, 10Ω

✗ 2. 6Ω, 15Ω, 15Ω

✗ 3. 6Ω, 10Ω, 10Ω

✗ 4. 15Ω, 15Ω, 10Ω

Question ID : **6395131481**
Status : **Not Answered**
Chosen Option : **--**

Q.2 A series connection of two resistors, $R_1 = 10\ \Omega$ and $R_2 = 20\ \Omega$ is connected to a 30 V DC source. Find the ratio of powers consumed by the resistors (i.e. P_1 / P_2).

Ans ✓ 1. $P_1 / P_2 = 1/2$

✗ 2. $P_1 / P_2 = 1/4$

✗ 3. $P_1 / P_2 = 1/3$

✗ 4. $P_1 / P_2 = 2/1$

Question ID : **6395131461**
Status : **Answered**
Chosen Option : **1**

Q.3 In a conductor at any section, _____ electrons will be passing in every second, if the current through the conductor is 5 A.

Ans

   ✗ 1. 6.25×10^{18}

   ✗ 2. 31.35×10^{19}

   ✓ 3. 31.35×10^{18}

   ✗ 4. 31.35×10^{17}

Question ID : **6395131459**
Status : **Answered**
Chosen Option : **3**

Q.4 An a.c. supply of 230 V is applied to a half-wave rectifier circuit through a transformer of turn ratio 10 : 1. Find the peak inverse voltage.

Ans

   ✗ 1. 23 V

   ✗ 2. 65.06 V

   ✗ 3. 16.26 V

   ✓ 4. 32.53 V

Question ID : **6395131532**
Status : **Answered**
Chosen Option : **1**

Q.5 An alternating current is expressed as i = 40 sin 628t. Find the frequency.

Ans

   ✗ 1. 25 Hz

   ✗ 2. 75 Hz

   ✓ 3. 100 Hz

   ✗ 4. 50 Hz

Question ID : **6395131477**
Status : **Answered**
Chosen Option : **3**

Q.6 An energy source forces a constant current of 2 A for 10 s to flow through a lightbulb. If 2.3 kJ is given off in the form of light and heat energy, calculate the voltage drop across the bulb.

Ans

   ✗ 1. 230 V

   ✗ 2. 260 V

   ✗ 3. 130 V

   ✓ 4. 115 V

Question ID : **6395131462**
Status : **Not Answered**
Chosen Option : **--**

Q.7 In a 3-phase induction motor, the difference between stator output and rotor gross output is:

Ans
- ✗ 1. Stator Cu losses
- ✓ 2. Rotor Cu losses
- ✗ 3. Windage and friction losses
- ✗ 4. Stator iron losses

Question ID : **6395131499**
Status : **Answered**
Chosen Option : **2**

Q.8 Which of the following bridges is used to measure capacitance?

Ans
- ✗ 1. Anderson bridge
- ✗ 2. Hay bridge
- ✓ 3. Schering bridge
- ✗ 4. Owen bridge

Question ID : **6395131485**
Status : **Not Answered**
Chosen Option : **--**

Q.9 A 250 V lamp has a total flux of 1500 lumens and takes a current of 0.4 A. Calculate lumens per watt.

Ans
- ✗ 1. 10
- ✓ 2. 15
- ✗ 3. 6
- ✗ 4. 25

Question ID : **6395131525**
Status : **Answered**
Chosen Option : **2**

Q.10 A series RLC circuit has R = 50 Ω, L = 50 μH and C = 2 nF. Calculate resonance frequency.

Ans
- ✗ 1. 5 kHz
- ✓ 2. 0.5 MHz
- ✗ 3. 50 kHz
- ✗ 4. 500 Hz

Question ID : **6395131475**
Status : **Answered**
Chosen Option : **2**

Q.11 Current efficiency in chromium plating is:

Ans ✗ 1. 50% to 70%

✗ 2. 90% to 98%

✔ 3. 12% to 15%

✗ 4. 30% to 40%

Question ID : **6395131526**
Status : **Not Answered**
Chosen Option : **--**

Q.12 In dc generator, the characteristics which gives the variation of armature generated e.m.f. (E_a) with field current (I_f), for zero armature current and constant speed is called _____ characteristic.

Ans ✗ 1. armature

✗ 2. external

✗ 3. load

✔ 4. no-load

Question ID : **6395131493**
Status : **Answered**
Chosen Option : **4**

Q.13 Which of the following DC motor develops the least torque between no-load and full-load?

Ans ✔ 1. Series

✗ 2. Differential compound

✗ 3. Cumulative compound

✗ 4. Shunt

Question ID : **6395131495**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Which of the following methods of calculating voltage regulation is also called 'pessimistic method'?

Ans ✗ 1. m.m.f. method

✔ 2. e.m.f. method

✗ 3. Zero power factor method

✗ 4. Saturated synchronous-reactance method

Question ID : **6395131496**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Which of the following statements is INCORRECT while using plain-break circuit breakers at high voltages?

Ans

✓ 1. Does not require tank

✗ 2. Not suitable for high speed interruption

✗ 3. Becomes larger in size

✗ 4. Requires huge amount of transformer oil

Question ID : **6395131514**
Status : **Answered**
Chosen Option : **2**

Q.16 An RLC series resonance circuit has resonance frequency of $(5000/2\pi)$ Hz and impedance at resonance is 56 Ω. Find the value of the inductance if the Q-factor is 25.

Ans

✓ 1. 0.28 H

✗ 2. 0.14 H

✗ 3. 0.56 H

✗ 4. 0.42 H

Question ID : **6395131482**
Status : **Not Answered**
Chosen Option : **--**

Q.17 A 6-pole lap wound dc generator has 240 coils of 2 turns each. If the flux per pole is 0.04 Wb, find the generated emf at no load for armature speed of 1200 rpm.

Ans

✗ 1. 96 V

✓ 2. 768 V

✗ 3. 192 V

✗ 4. 384 V

Question ID : **6395131491**
Status : **Not Answered**
Chosen Option : **--**

Q.18 Efficiency of the DC motor is defined as:

Ans

✗ 1. η = Input power / (Input power − losses)

✗ 2. η = Output power / (Output power + losses)

✓ 3. η = (Input power − losses) / Input power

✗ 4. η = Output power / Input power

Question ID : **6395131492**
Status : **Answered**
Chosen Option : **3**

Q.19 The cross-sectional area of aluminium conductor for power wiring should NOT be less than _____ mm^2.

Ans
- ✔ 1. 2.5
- ✗ 2. 1
- ✗ 3. 1.5
- ✗ 4. 2

Question ID : **6395131520**
Status : **Answered**
Chosen Option : **3**

Q.20 The peak load on a 50 MW power station is 39 MW. It supplies power through four transformers having maximum demands as 15, 10, 8 and 9 MW, respectively. Find the diversity factor.

Ans
- ✗ 1. 0.78
- ✗ 2. 1.282
- ✗ 3. 0.84
- ✔ 4. 1.077

Question ID : **6395131519**
Status : **Answered**
Chosen Option : **4**

Q.21 Find the operating current of a relay of rating 5 A, 2.2 sec IDMT and having a relay setting of 125%.

Ans
- ✗ 1. 12.5 A
- ✗ 2. 4 A
- ✗ 3. 11 A
- ✔ 4. 6.25 A

Question ID : **6395131511**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Find the value of a resistor with a colour code on it as:

Grey, Red, Green, Silver

Ans
- ✗ 1. 82 MΩ ± 10%
- ✔ 2. 8.2 MΩ ± 10%
- ✗ 3. 82 kΩ ± 10%
- ✗ 4. 8.2 kΩ ± 10%

Question ID : **6395131460**
Status : **Not Answered**
Chosen Option : **--**

Q.23 _____ loss occurs in the transformer oil and the solid insulation of h.v. transformers.

Ans   ✔ 1. Dielectric

  ✘ 2. Core

  ✘ 3. Ohmic

  ✘ 4. Stray load

Question ID : **6395131506**
Status : **Answered**
Chosen Option : **1**

Q.24 Which of the following type of resistors has highest value of temperature coefficient?

Ans   ✘ 1. Metal film

  ✘ 2. Wire wound

  ✔ 3. Carbon composition

  ✘ 4. Carbon film

Question ID : **6395131458**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Overall efficiency of dielectric heating is about:

Ans   ✔ 1. 50%

  ✘ 2. 99%

  ✘ 3. 25%

  ✘ 4. 75%

Question ID : **6395131523**
Status : **Not Answered**
Chosen Option : **--**

Q.26 How much energy does a 100 W electric bulb consume in two hours?

Ans   ✘ 1. 72 kJ

  ✘ 2. 7200 J

  ✔ 3. 720 kJ

  ✘ 4. 720 J

Question ID : **6395131467**
Status : **Answered**
Chosen Option : **3**

Q.27 As compared to an ordinary 2-winding transformer of same output, an auto-transformer has:

Ans
✔ 1. smaller size

✘ 2. poor efficiency

✘ 3. better isolation

✘ 4. poor voltage regulation

Q.28 Narrow beam projectors in flood lighting are used for distance:

Ans
✘ 1. below 30 metres

✔ 2. above 70 metres

✘ 3. between 50 to 70 metres

✘ 4. between 30 to 50 metres

Q.29 For the circuit shown here, find the current through 8 Ω resistor.
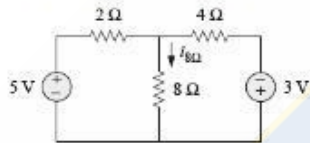
Ans
✔ 1. 0.25 A

✘ 2. 0.50 A

✘ 3. 0.10 A

✘ 4. 0.75 A

Q.30 For the circuit shown here find the current I using Thevenin's theorem.
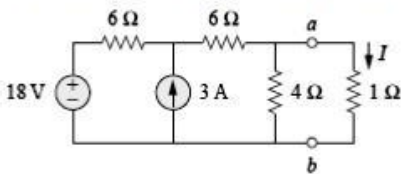
Ans

✗ 1. 1.75 A

✗ 2. 1.50 A

✗ 3. 1.25 A

✔ 4. 2.25 A

Q.31 Which of the following information CANNOT be obtained by open-circuit test of transformer?

Ans

✗ 1. Shunt branch parameters of equivalent circuit

✗ 2. Core loss at rated voltage and frequency

✗ 3. Turns ratio of the transformer

✔ 4. Ohmic loss at rated current and frequency

Q.32 Which of the following type of instruments are used for dc measurements only?

Ans

✗ 1. Electrostatic instruments

✔ 2. Permanent magnet moving coil type instruments

✗ 3. Induction type instruments

✗ 4. Moving iron type instruments
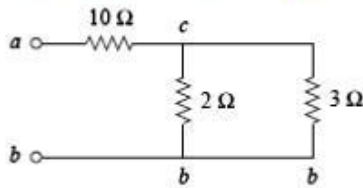
Q.33 Which of the following is NOT correct for gravity-controlled measuring instruments?

Ans

✗ 1. Must be operated in vertical position

✗ 2. Low cost

✗ 3. Unaffected by change in temperature

✔ 4. Linear scales

Q.34 Find the resistance R_{ab} in the following circuit.

Ans

✗ 1. 15 Ω

✗ 2. 5.6 Ω

✔ 3. 11.2 Ω

✗ 4. 21 Ω

Q.35 Which of the following is the cause of passive load?

Ans

✗ 1. Tension

✗ 2. Compression

✗ 3. Gravity

✔ 4. Friction

Q.36 The number of turns in two coupled coils are 500 and 1500, respectively. When a current of 5 A flows in coil 1, the total flux in the coil 1 is 0.6 mWb and the flux linking the second coil is 0.3 mWb. Find the coefficient of coupling.

Ans

✗ 1. 0.6

✔ 2. 0.5

✗ 3. 0.7

✗ 4. 0.8

Q.37 A 3-phase induction motor is supplied from a 50 Hz system. If rotor current frequency is 30 Hz, find the slip.

Ans

✔ 1. 0.6

✗ 2. 0.7

✗ 3. 0.5

✗ 4. 0.4

Q.38 Which parameter of electric circuit is equivalent to Permeance in magnetic circuit?

Ans
- ✗ 1. Impedance
- ✔ 2. Conductance
- ✗ 3. Current density
- ✗ 4. Resistance

Question ID : **6395131469**
Status : **Not Answered**
Chosen Option : **--**

Q.39 For a load supplied through an AC voltage, the apparent power is 250 VA and the reactive power is 125 VAR. Calculate the active power.

Ans
- ✗ 1. 2.165 kW
- ✗ 2. 1.25 kW
- ✗ 3. 125 W
- ✔ 4. 216.5 W

Question ID : **6395131474**
Status : **Answered**
Chosen Option : **4**

Q.40 In a transistor circuit, collector load is 4 kΩ, whereas quiescent current is 1 mA. What is the operating point if $V_{CC} = 10$ V?

Ans
- ✗ 1. 8 V, 1 mA
- ✗ 2. 10 V, 1 mA
- ✔ 3. 6 V, 1 mA
- ✗ 4. 5 V, 1 mA

Question ID : **6395131529**
Status : **Answered**
Chosen Option : **3**

Q.41 For a power plant, peak load is 60 MW and load factor is 0.6. Find the average load.

Ans
- ✗ 1. 100 MW
- ✗ 2. 24 MW
- ✗ 3. 60 MW
- ✔ 4. 36 MW

Question ID : **6395131509**
Status : **Answered**
Chosen Option : **4**

Q.42 The phase angle of surge impedance of long transmission line is usually between _____.

Ans
✗ 1. $15°$ and $25°$
✗ 2. $20°$ and $30°$
✔ 3. $0°$ and $-15°$
✗ 4. $30°$ and $45°$

Question ID : **6395131512**
Status : **Not Answered**
Chosen Option : --

Q.43 If rotor input of a SCIM running with a slip of 10% is 100 kW, gross power developed by its rotor is:

Ans
✗ 1. 99 kW
✗ 2. 80 kW
✗ 3. 10 kW
✔ 4. 90 kW

Question ID : **6395131503**
Status : **Not Answered**
Chosen Option : --

Q.44 In a current transformer, the ratio of rated primary current to rated secondary current is called:

Ans
✗ 1. ratio error
✗ 2. actual transformation ratio
✗ 3. phase angle error
✔ 4. nominal ratio

Question ID : **6395131486**
Status : **Answered**
Chosen Option : **4**

Q.45 The allowable temperature for oil-filled and gas-pressure cables is:

Ans
✗ 1. $75°C$
✗ 2. $65°C$
✔ 3. $85°C$
✗ 4. $95°C$

Question ID : **6395131516**
Status : **Not Answered**
Chosen Option : --

Q.46 Which of the following is NOT true for JFET?

Ans ✗ 1. Gate-source p-n junction is always reverse biased

✗ 2. JFET is a voltage-controlled three terminal device

✔ 3. Gate-source p-n junction is always forward biased

✗ 4. Drain current is controlled by changing the channel width

Question ID : **6395131528**
Status : **Answered**
Chosen Option : **3**

Q.47 Which of the following statements is INCORRECT with reference to the parallel operation of alternators as compared to single large unit?

Ans ✗ 1. Reduced operating cost

✔ 2. Poor efficiency

✗ 3. Easy maintenance

✗ 4. Better reliability

Question ID : **6395131497**
Status : **Answered**
Chosen Option : **1**

Q.48 Find the capacitive reactance of a 0.63 µF capacitor when connected to 230 V, 50 Hz supply.

Ans ✔ 1. 5.05 kΩ

✗ 2. 50.5 MΩ

✗ 3. 5.05 MΩ

✗ 4. 50.5 kΩ

Question ID : **6395131473**
Status : **Not Answered**
Chosen Option : **--**

Q.49 In a 3-phase induction motor, the slip speed is:

Ans ✗ 1. rotor speed

✔ 2. synchronous speed – rotor speed

✗ 3. rotor speed – synchronous speed

✗ 4. synchronous speed

Question ID : **6395131500**
Status : **Answered**
Chosen Option : **2**

Q.50 The efficiency of a dc shunt generator is maximum when:

Ans
✗ 1. magnetic loss is equal to the mechanical loss

✗ 2. stray load loss is equal to the armature circuit loss

✔ 3.
armature circuit loss is equal to the sum of no-load rotational loss and field circuit loss

✗ 4. field ohmic loss is equal to the constant loss

Question ID : **6395131494**
Status : **Answered**
Chosen Option : **3**

Q.51 In a symmetrical rotating machine, the impedances met by armature currents of a given sequence are:

Ans
✗ 1. zero in two phases

✗ 2. opposite in two phases and zero in remaining

✔ 3. equal in the three phases

✗ 4. different in the three phases

Question ID : **6395131515**
Status : **Not Answered**
Chosen Option : **--**

Q.52 Which of the following methods of calculating voltage regulation of synchronous machine is NOT accurate?

Ans
✔ 1. Synchronous impedance method

✗ 2. New A.S.A. method

✗ 3. Zero power factor method

✗ 4. Saturated synchronous reactance method

Question ID : **6395131504**
Status : **Answered**
Chosen Option : **3**

Q.53 A 1 mA meter movement with an internal resistance of 25 Ω is to be converted into an ammeter capable of measuring up to 100 mA. Find the required shunt resistance.

Ans
✔ 1. 0.25 Ω

✗ 2. 1.00 Ω

✗ 3. 0.75 Ω

✗ 4. 0.50 Ω

Question ID : **6395131484**
Status : **Answered**
Chosen Option : **1**

Q.54 For a protective relay, _____ is expressed in terms of minimum volt-amperes required for the relay operation.

Ans
- ✔ 1. sensitivity
- ✘ 2. reliability
- ✘ 3. speed
- ✘ 4. selectivity

Question ID : **6395131513**
Status : **Answered**
Chosen Option : **1**

Q.55 For an 11000/415 V, delta-star transformer the KVA rating is 40 KVA. Find the L.V. side line current.

Ans
- ✘ 1. 75.65 A
- ✔ 2. 55.65 A
- ✘ 3. 65.65 A
- ✘ 4. 45.65 A

Question ID : **6395131507**
Status : **Not Answered**
Chosen Option : **--**

Q.56 The impedance of a circuit placed across 120 V, 50 Hz supply is $(10 + j20)$. Find the current.

Ans
- ✘ 1. $2.4 + j\,4.8$
- ✘ 2. $4.8 + j\,9.6$
- ✘ 3. $4.8 - j\,9.6$
- ✔ 4. $2.4 - j\,4.8$

Question ID : **6395131480**
Status : **Answered**
Chosen Option : **4**

Q.57 In moving iron instruments, the hysteresis error may be reduced by using:

Ans
- ✘ 1. stainless steel
- ✔ 2. mu-metal or perm alloy
- ✘ 3. high speed steel
- ✘ 4. silver coating

Question ID : **6395131490**
Status : **Answered**
Chosen Option : **1**

Q.58 In electrodynamometer type wattmeters, pressure coil inductance produce error which is:

Ans
  ✗ 1. higher at low power factors of load

  ✗ 2. lower at low power factors of load

  ✗ 3. zero at leading power factors of load

  ✔ 4. constant irrespective of power factor

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Question ID : **6395131489**

Status : **Not Answered**

Chosen Option : **--**

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Q.59 In series RLC circuit, at resonance:

Ans
  ✗ 1. current is minimum

  ✗ 2. circuit is purely inductive

  ✗ 3. impedance is maximum

  ✔ 4. current is maximum

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Question ID : **6395131476**

Status : **Answered**

Chosen Option : **4**

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Q.60 In a voltage divider bias, operating point is 3 V, 2 mA.

If $V_{CC} = 9$ V and $R_C = 2.2$ kΩ, find the value of R_E?

Ans
  ✗ 1. 1600 Ω

  ✔ 2. 800 Ω

  ✗ 3. 2000 Ω

  ✗ 4. 1400 Ω

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Question ID : **6395131531**

Status : **Not Answered**

Chosen Option : **--**

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Q.61 The pin type of insulators are uneconomical beyond _____ operating voltage.

Ans
  ✔ 1. 33 kV

  ✗ 2. 6.6 kV

  ✗ 3. 11 kV

  ✗ 4. 22 kV

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Question ID : **6395131510**

Status : **Answered**

Chosen Option : **3**

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Q.62 Find the value of R if the impedance of a parallel RC circuit is $(10 - j30)\ \Omega$ at 1 MHz.

Ans
- ✗ 1. $10\ k\Omega$
- ✔ 2. $100\ \Omega$
- ✗ 3. $1000\ \Omega$
- ✗ 4. $10\ \Omega$

Question ID : **6395131478**
Status : **Answered**
Chosen Option : **2**

Q.63 The maximum power dissipation of a transistor is 100 mW. If $V_{CE} = 20$ V, what is the maximum collector current that can be allowed without destruction of the transistor?

Ans
- ✗ 1. 2.5 mA
- ✔ 2. 5.0 mA
- ✗ 3. 7.5 mA
- ✗ 4. 10 mA

Question ID : **6395131530**
Status : **Answered**
Chosen Option : **2**

Q.64 A coil having a reluctance of 2×10^6 AT/Wb, when placed in a magnetic field experiences an m.m.f. of 250 AT. Compute the total flux.

Ans
- ✗ 1. $250\ \mu Wb$
- ✗ 2. $500\ \mu Wb$
- ✗ 3. $75\ \mu Wb$
- ✔ 4. $125\ \mu Wb$

Question ID : **6395131470**
Status : **Answered**
Chosen Option : **4**

Q.65 In CRT, secondary emission electrons are collected by:

Ans
- ✗ 1. focusing anode
- ✔ 2. aquadag
- ✗ 3. grid
- ✗ 4. cathode

Question ID : **6395131487**
Status : **Answered**
Chosen Option : **4**

Q.66 Two coils when connected in series opposing and aiding connections, have total inductances of 3 mH and 19 mH, respectively. Find the mutual inductance.

Ans
- ✗ 1. 3 mH
- ✗ 2. 13 mH
- ✔ 3. 4 mH
- ✗ 4. 19 mH

Question ID : **6395131472**
Status : **Answered**
Chosen Option : **3**

Q.67 Which of the following is a type of fusion welding?

Ans
- ✗ 1. Friction welding
- ✗ 2. Ultrasonic welding
- ✔ 3. Carbon arc welding
- ✗ 4. Forge welding

Question ID : **6395131524**
Status : **Answered**
Chosen Option : **3**

Q.68 In solidly grounded systems, the line-to-ground voltage during an L-G fault does NOT exceed _____ of the L-L voltage.

Ans
- ✗ 1. 60%
- ✗ 2. 70%
- ✔ 3. 80%
- ✗ 4. 40%

Question ID : **6395131522**
Status : **Not Answered**
Chosen Option : **--**

Q.69 Which of the following statements is INCORRECT for series RL circuit?

Ans
- ✗ 1. Current is same through R and L
- ✔ 2. The voltage across inductor is lagging the current
- ✗ 3. The voltage across resistance is in phase with current
- ✗ 4. The voltage across inductor is leading the current

Question ID : **6395131479**
Status : **Answered**
Chosen Option : **4**

Q.70 Which of the following is a conventional way of generating electrical energy?

Ans ✔ 1. Thermal power

✘ 2. Solar power

✘ 3. Wind power

✘ 4. Tidal power

Question ID : **6395131518**
Status : **Answered**
Chosen Option : **1**

Q.71 The line currents in amperes in phases a, b and c, respectively are $500 + j150$, $100 - j600$ and $-300 + j600$ referred to the same reference vector. Find I_{a0}.

Ans ✘ 1. $300 + j150$

✔ 2. $100 + j50$

✘ 3. $100 - j50$

✘ 4. $300 - j150$

Question ID : **6395131517**
Status : **Not Answered**
Chosen Option : **--**

Q.72 Find the value of V_x in the following circuit.
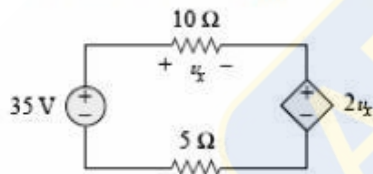
Ans ✘ 1. -5 V

✘ 2. 15 V

✘ 3. 5 V

✔ 4. 10 V

Question ID : **6395131464**
Status : **Answered**
Chosen Option : **4**

Q.73 Self-inductance is analogously called:

Ans   ✗ 1. reluctance

     ✗ 2. resistance

     ✔ 3. electromagnetic inertia

     ✗ 4. permeance

Question ID : **6395131468**
Status : **Answered**
Chosen Option : **1**

Q.74 Which of the following is NOT a characteristic of a salient-pole synchronous generator?

Ans   ✗ 1. Small core length

     ✗ 2. Low speed

     ✔ 3. Small diameter

     ✗ 4. Large diameter

Question ID : **6395131501**
Status : **Answered**
Chosen Option : **4**

Q.75 Which of the following is INCORRECT in case of bundled conductors?

Ans   ✗ 1. Reduced corona loss

     ✗ 2. Reduced surge impedance

     ✔ 3. Increased voltage gradient

     ✗ 4. Reduced reactance

Question ID : **6395131508**
Status : **Answered**
Chosen Option : **4**

Section : **General Awareness**

Q.1 Chandragupta was succeeded by his son Bindusara in 297 B.C. To the Greeks Bindusara was known as _____ .

Ans   ✗ 1. Sandrocottos

     ✔ 2. Amitrochates

     ✗ 3. Deimachos

     ✗ 4. Nikator

Question ID : **6395131533**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Who was the second runner up of the Miss World 2019?

Ans ✗ 1. Nyekachi Douglas

✗ 2. Elis Miele

✓ 3. Suman Rao

✗ 4. Ophély Mézino

Question ID : **6395131546**

Status : **Not Answered**

Chosen Option : **--**

Q.3 Who occupied the districts of Madura and Tinnevelly with portions of South Travancore after the decline of Maurya Empire ?

Ans ✗ 1. Cholas

✗ 2. Satavahana

✗ 3. Sakas

✓ 4. Pandyas

Question ID : **6395131535**

Status : **Not Answered**

Chosen Option : **--**

Q.4 The Gini coefficient is derived from the _____.

Ans ✗ 1. Engel curve

✓ 2. Lorenz Curve

✗ 3. Lamé curve

✗ 4. Kappa curve

Question ID : **6395131541**

Status : **Not Answered**

Chosen Option : **--**

Q.5 Which country has been ranked as the most gender-neutral country in 2019?

Ans ✗ 1. Singapore

✗ 2. Philippines

✗ 3. Bangladesh

✓ 4. Iceland

Question ID : **6395131547**

Status : **Answered**

Chosen Option : **2**

Q.6 Who became the first individual to win gold for India at the 10 meter air rifle event in 2008?

Ans   ❌ 1. Vijay Kumar

      ❌ 2. Gagan Narang

      ❌ 3. Rajyavardhan Singh Rathore

      ✅ 4. Abhinav Bindra

Question ID : **6395131544**
Status : **Answered**
Chosen Option : **4**

Q.7 In which range the Siachen Glacier and the Biafo Glacier, which are world's 2nd and 3rd largest glaciers respectively , are located ?

Ans   ❌ 1. Purvanchal

      ✅ 2. Karakoram

      ❌ 3. Himalaya

      ❌ 4. Pir Panjal

Question ID : **6395131536**
Status : **Answered**
Chosen Option : **2**

Q.8 The Gini coefficient is defined as A/(A+B), If A=0 the Gini coefficient becomes 0 which means perfect_____.

Ans   ❌ 1. integration

      ✅ 2. equality

      ❌ 3. inequality

      ❌ 4. differentiation

Question ID : **6395131542**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Which among the following Article states equality of opportunity in matters of public employment?

Ans   ✅ 1. Article 16

      ❌ 2. Article 10

      ❌ 3. Article 12

      ❌ 4. Article 18

Question ID : **6395131540**
Status : **Not Answered**
Chosen Option : **--**

Q.10 The Teesta is the tributary of which river?

Ans   ✔️ 1. Brahmaputra

      ❌ 2. Mahanadi

      ❌ 3. Krishna

      ❌ 4. Narmada

Question ID : **6395131537**
Status : **Not Answered**
Chosen Option : **--**

Q.11 The last king of the Maurya dynasty was_____.

Ans   ❌ 1. Bindusara

      ❌ 2. Dasharatha

      ❌ 3. Dhana Nanda

      ✔️ 4. Brihadratha

Question ID : **6395131534**
Status : **Answered**
Chosen Option : **2**

Q.12 The Lonar lake is in which state?

Ans   ❌ 1. West Bengal

      ✔️ 2. Maharashtra

      ❌ 3. Karnataka

      ❌ 4. Madhya Pradesh

Question ID : **6395131538**
Status : **Answered**
Chosen Option : **1**

Q.13 What is the name of Indian nun who was declared saint by Pope Francis in October 2019?

Ans   ❌ 1. Sudha Varghese

      ✔️ 2. Mariam Thresia Chiramel

      ❌ 3. Nirmala Joshi

      ❌ 4. Karuna Mary Braganza

Question ID : **6395131545**
Status : **Answered**
Chosen Option : **2**

Q.14 Bihu is a popular dance form of _____. It is performed in a group by both men and women.

Ans ✗ 1. Mizoram

✗ 2. West Bengal

✓ 3. Assam

✗ 4. Bihar

Question ID : **6395131543**

Status : **Answered**

Chosen Option : **3**

Q.15 Which among the following is true about Article 9?

Ans ✓ 1. A person who voluntarily acquires citizenship of any other country is no longer an Indian citizen

✗ 2. Rights of citizenship of certain persons of Indian origin residing outside India

✗ 3. Rights of citizenship of certain persons who have migrated to India from Pakistan

✗ 4. Citizenship at the commencement of the Constitution

Question ID : **6395131539**

Status : **Not Answered**

Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 From a point Q on a level ground, the angle of elevation of the top of a tower is $45°$. If the tower is 70 m high, the distance of point Q from the foot of the tower is:

Ans ✗ 1. 75 m

✗ 2. 80 m

✗ 3. 72 m

✓ 4. 70 m

Question ID : **6395131559**

Status : **Answered**

Chosen Option : **4**

Q.2 If two times the 2nd term of an AP is equal to five times the 5th term of the AP, then what is seven times the 7th term of this AP?

Ans ✗ 1. -1

✗ 2. 2

✗ 3. 1

✓ 4. 0

Question ID : **6395131558**

Status : **Not Answered**

Chosen Option : **--**

Q.3 What will be the ratio in which pulse at ₹60 a kg is mixed with pulse at ₹90 a kg to produce a mixture worth ₹70 a kg?

Ans
- ✗ 1. $3 : 1$
- ✗ 2. $2 : 3$
- ✔ 3. $2 : 1$
- ✗ 4. $4 : 5$

Question ID : **6395131554**
Status : **Answered**
Chosen Option : **3**

Q.4 Vijay is thrice as good a workman as Ramesh and together they finish a piece of work in 20 days. In how many days Vijay alone will finish the work?

Ans
- ✗ 1. $\frac{35}{3}$ days
- ✗ 2. 24 days
- ✗ 3. $\frac{40}{3}$ days
- ✔ 4. $\frac{80}{3}$ days

Question ID : **6395131556**
Status : **Not Answered**
Chosen Option : **--**

Q.5 The average of two numbers is $\alpha\beta$. If one number is α, then the other will be:

Ans
- ✔ 1. $2\alpha\beta - \alpha$
- ✗ 2. $\alpha + \beta$
- ✗ 3. $2\alpha\beta + \alpha$
- ✗ 4. β

Question ID : **6395131557**
Status : **Answered**
Chosen Option : **1**

Q.6 The value of $\frac{\sin 72°}{\cos 18°}$ is:

Ans
- ✗ 1. -1
- ✔ 2. 1
- ✗ 3. 2
- ✗ 4. 0

Question ID : **6395131560**
Status : **Answered**
Chosen Option : **2**

Q.7 The factors of $x^2 + 7x + 12$ are:

Ans
- ✗ 1. $(x-4)(x+3)$
- ✗ 2. $(x-4)(x-3)$
- ✔ 3. $(x+4)(x+3)$
- ✗ 4. $(x+4)(x-3)$

Question ID : **6395131561**
Status : **Answered**
Chosen Option : **3**

Q.8 A shopkeeper sells two cows at ₹5,000 each. He gains 20% on one and loses 20% on another. On an overall basis, what is his gain or loss percentage?

Ans
- ✗ 1. 4% gain
- ✔ 2. 4% loss
- ✗ 3. 3% gain
- ✗ 4. 3% loss

Question ID : **6395131553**
Status : **Answered**
Chosen Option : **2**

Q.9 The ratio of two numbers is 5 : 6 and their LCM is 60. What are the numbers?

Ans
- ✗ 1. 25, 30
- ✗ 2. 12, 24
- ✔ 3. 10, 12
- ✗ 4. 13, 8

Question ID : **6395131548**
Status : **Answered**
Chosen Option : **3**

Q.10 Roots of the quadratic equation $a^2x^2 - 3abx + 2b^2 = 0$ are:

Ans
- ✗ 1. $\frac{2b}{a}, \frac{2b}{a}$
- ✗ 2. $\frac{b}{a}, -\frac{b}{a}$
- ✔ 3. $\frac{b}{a}, \frac{2b}{a}$
- ✗ 4. a,b

Question ID : **6395131562**
Status : **Answered**
Chosen Option : **3**

Q.11 The product of two numbers is 18252 and their HCF is 78. Find the greater number.

Ans   ✖ 1. 233

     ✖ 2. 231

     ✔ 3. 234

     ✖ 4. 232

Question ID : **6395131549**
Status : **Answered**
Chosen Option : **3**

Q.12 What is the compound interest on ₹5,000 at 5% per annum for 2 years compounded annually?

Ans   ✖ 1. ₹803.4

     ✖ 2. ₹510

     ✖ 3. ₹612.5

     ✔ 4. ₹512.5

Question ID : **6395131551**
Status : **Answered**
Chosen Option : **4**

Q.13 Mahesh covers 4 km distance in 25 minutes. What is his speed?

Ans   ✖ 1. 12 m/s

     ✖ 2. 10 m/s

     ✖ 3. 8.3 km/h

     ✔ 4. 9.6 km/h

Question ID : **6395131555**
Status : **Answered**
Chosen Option : **4**

Q.14 What is the value of 5% of 120?

Ans   ✖ 1. 7

     ✖ 2. 4

     ✔ 3. 6

     ✖ 4. 5

Question ID : **6395131550**
Status : **Answered**
Chosen Option : **3**

Q.15 If the loss is $\frac{1}{2}$ of the selling price, then what is the loss percentage?

Ans
- ✗ 1. $\frac{25}{3}$ %
- ✗ 2. $\frac{17}{3}$ %
- ✓ 3. $\frac{100}{3}$ %
- ✗ 4. $\frac{19}{3}$ %

Question ID : **6395131552**
Status : **Answered**
Chosen Option : **3**

Section : **General Intelligence and Reasoning**

Q.1 Aishwarya said her friend by showing the picture of a girl "This girl's husband is the only son of my father".
How is the woman in the picture related to Aishwarya?

Ans
- ✗ 1. Mother
- ✓ 2. Sister-in-law
- ✗ 3. Sister
- ✗ 4. Aunt

Question ID : **6395131571**
Status : **Answered**
Chosen Option : **2**

Q.2 Out of the given options, three are similar in a certain manner. However, one option is NOT like the other three. Select the option which is different from the rest.
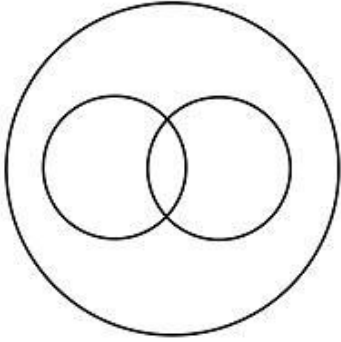
Ans
- ✓ 1. Tomato
- ✗ 2. Lady finger
- ✗ 3. Cucumber
- ✗ 4. Capsicum

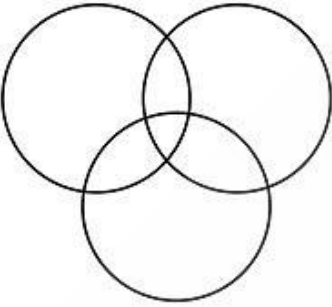Question ID : **6395131575**
Status : **Answered**
Chosen Option : **4**

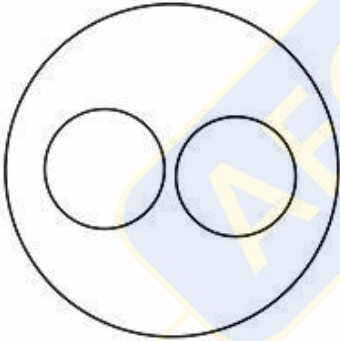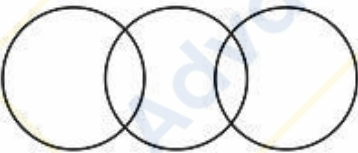**Q.3** Which figure will best represent the relationship amongst the three classes: movies, action, drama?

Ans

✔ 1.

✗ 2.

✗ 3.

✗ 4.

Q.4 In the given four options, three are Pythagorean triplets and one number is not. Find the number.

Ans ✔ 1. 40

✘ 2. 28

✘ 3. 53

✘ 4. 45

Question ID : **6395131570**
Status : **Answered**
Chosen Option : **1**

Q.5 In the question below, is given a statement followed by two conclusions numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.
Statements:Carrot is good source of Vitamin A.
Conclusion I: Carrot has only vitamin A.
Conclusion II: No other vegetable is source of Vitamin A.

Ans ✘ 1. Either ConclusionI or ConclusionII follows

✘ 2. Only Conclusion II follows

✔ 3. Neither ConclusionI nor ConclusionII follows

✘ 4. Only ConclusionI follows

Question ID : **6395131567**
Status : **Answered**
Chosen Option : **4**

Q.6 A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
99,101,399,401,?,901

Ans ✘ 1. 829

✔ 2. 899

✘ 3. 799

✘ 4. 699

Question ID : **6395131565**
Status : **Answered**
Chosen Option : **2**

Q.7 Find the Missing Number from the given figure:

Find the missing Number

5	12	21
8	18	30
11	?	39

Ans ✗ 1. 20

✗ 2. 28

✓ 3. 24

✗ 4. 30

Q.8 Which two signs should be interchanged to rectify the following equation?
44+2-8x4÷10=0

Ans ✗ 1. ÷ and -

✓ 2. + and ÷

✗ 3. x and -

✗ 4. x and +

Q.9 In the question below, is given a statement followed by two conclusions numbered I, II and III. You have to assume everything in the statement to be true, then consider the three conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.
Statements:
All Heroes are Dancers. Some dancers who are not heroes are old. All old are singers. Some singers are heroes.
Conclusions:
I. Some heroes are singers
II. Some heroes are old
III. Some old are dancers

Ans ✗ 1. only III follows

✓ 2. only I and III follows

✗ 3. only II follows

✗ 4. only I follows

Question ID : **6395131568**
Status : **Answered**
Chosen Option : **2**

Q.10 A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
ZjLl,WhJj,TfHh,? ,NbDd

Ans ✗ 1. RdGf

✗ 2. QdGf

✓ 3. QdFf

✗ 4. RdFf

Question ID : **6395131563**
Status : **Answered**
Chosen Option : **3**

Q.11 Out of the given options, three are similar in a certain manner. However, one option is NOT like the other three. Select the option which is different from the rest.

Ans ✗ 1. 132

✗ 2. 264

✓ 3. 232

✗ 4. 209

Question ID : **6395131574**
Status : **Answered**
Chosen Option : **4**

Q.12 All the numbers in this series follow a certain rule, except one number. Find this number.
20,25,35,45,70,95

Ans ✗ 1. 35

✗ 2. 25

✓ 3. 45

✗ 4. 20

Question ID : **6395131573**
Status : **Not Answered**
Chosen Option : **--**

Q.13 IF * mean x, ~ means÷,! means -, and $ means +,Then What will be the value of the following expression?
40~2!6*4$4

Ans
  ✗ 1. 5

  ✓ 2. 0

  ✗ 3. 4

  ✗ 4. 7

Question ID : **6395131566**
Status : **Answered**
Chosen Option : **2**

Q.14 If plants are slant, flowers are straight, fruits are curve, and vegetables are round then how does Seagrass appears?

Ans
  ✗ 1. round

  ✓ 2. slant

  ✗ 3. straight

  ✗ 4. curve

Question ID : **6395131576**
Status : **Answered**
Chosen Option : **3**

Q.15 A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
G1,F3,E6,D10,?

Ans
  ✗ 1. C20

  ✗ 2. B20

  ✓ 3. C15

  ✗ 4. B15

Question ID : **6395131564**
Status : **Answered**
Chosen Option : **3**

Section : **General English**

Comprehension:

Read the following passage carefully and answer the questions given below. Certain words are given in bold to help you locate them while answering some of the questions.

The Narendra Modi government has asked states to curb the production of single use plastics (SUP) in the next two weeks. This step is a part of the overarching goal to eliminate SUP by 2022. There is an irrefutable case in favour of getting rid of SUP, which are used just once before they are discarded. More than a dozen states over the last decade have tried to eliminate SUP. The next step therefore should be to carefully sift the results to find the most effective way forward.

Plastics are a miracle material, popular across industries for their properties. The flip side to this material's durability is the difficulty of disposing it, resulting in some of the worst forms of environmental damage. India generates about 9.4 million tons of plastic waste a year, and recycles about 60% of it. India's recycling record is impressive when measured by the global average. However, our challenge is a rapid incremental accumulation of plastic waste on account of the popularity of SUP.

Globally, a combination of bans and economic incentives have been used to eliminate SUP. India favours bans. Therefore, a look at Bangladesh's experience with a ban is helpful. The country imposed a ban in 2002 and public awareness of the problem is high. Yet, UN believes the policy failed because of lack of alternatives to plastic. At home, Tamil Nadu's experiment with a ban since the beginning of the year is facing a similar challenge. The Modi government is yet to ____ (A) ____ a comprehensive solution to eliminate SUP. It should first think through how it wants to actualise its goal. It's unwise to precipitate disruption even in the pursuit of a worthy goal.

Experience teaches us that a durable solution will have to incorporate economic incentives to eliminate SUP. Governments should continue to initiate and support all efforts at raising consciousness on the damaging impact of SUP. But if heightened awareness is to quickly translate into a ground level impact, fiscal incentives to encourage early adoption of alternatives are necessary. Plastics are popular because of their benefits. Therefore, a successful campaign against it has to be underpinned by creation of a market for alternative materials which don't have the same impact on the environment. The upfront fiscal incentives for it will repay itself manifold through a cleaner environment and better quality of life.

SubQuestion No : 1

Q.1 **According to the given passage, which of the following is/are false?**

(I) When it comes to eliminating SUP, India favours bans.
(II) A durable solution to eliminating SUP will have to incorporate economic incentives
(III) A successful campaign against plastics, should incorporate heightened awareness towards plastics only.

Ans ✔ 1. Only (III)

✘ 2. Only (I)

✘ 3. All (I), (II) and (III)

✘ 4. Only (II)

Comprehension:

Read the following passage carefully and answer the questions given below. Certain words are given in bold to help you locate them while answering some of the questions.

The Narendra Modi government has asked states to curb the production of single use plastics (SUP) in the next two weeks. This step is a part of the overarching goal to eliminate SUP by 2022. There is an irrefutable case in favour of getting rid of SUP, which are used just once before they are discarded. More than a dozen states over the last decade have tried to eliminate SUP. The next step therefore should be to carefully sift the results to find the most effective way forward.

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SubQuestion No : 2

Q.2 Which of the following facts is/are true as per the given passage?

(I) India generates about 9.4 million tons of plastic waste a year.
(II) India recycles about 60% of plastic waste it generates.
(III) Single use plastics are used just once before they are discarded.

Ans ✗ 1. Only (II)

✓ 2. All (I), (II) and (III)

✗ 3. Only (I)

✗ 4. Only (III)

Question ID : **6395131579**
Status : **Answered**
Chosen Option : **2**

Comprehension:

Read the following passage carefully and answer the questions given below. Certain words are given in bold to help you locate them while answering some of the questions.

The Narendra Modi government has asked states to curb the production of single use plastics (SUP) in the next two weeks. This step is a part of the overarching goal to eliminate SUP by 2022. There is an irrefutable case in favour of getting rid of SUP, which are used just once before they are discarded. More than a dozen states over the last decade have tried to eliminate SUP. The next step therefore should be to carefully sift the results to find the most effective way forward.

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Globally, a combination of bans and economic incentives have been used to eliminate SUP. India favours bans. Therefore, a look at Bangladesh's experience with a ban is helpful. The country imposed a ban in 2002 and public awareness of the problem is high. Yet, UN believes the policy failed because of lack of alternatives to plastic. At home, Tamil Nadu's experiment with a ban since the beginning of the year is facing a similar challenge. The Modi government is yet to ____ (A) ____ a comprehensive solution to eliminate SUP. It should first think through how it wants to actualise its goal. It's unwise to precipitate disruption even in the pursuit of a worthy goal.

Experience teaches us that a durable solution will have to incorporate economic incentives to eliminate SUP. Governments should continue to initiate and support all efforts at raising consciousness on the damaging impact of SUP. But if heightened awareness is to quickly translate into a ground level impact, fiscal incentives to encourage early adoption of alternatives are necessary. Plastics are popular because of their benefits. Therefore, a successful campaign against it has to be underpinned by creation of a market for alternative materials which don't have the same impact on the environment. The upfront fiscal incentives for it will repay itself manifold through a cleaner environment and better quality of life.

SubQuestion No : 3

Q.3 Why does the author of the passage say that 'plastics are a miracle material'?

Ans   ✗   1. The difficulty in disposing it off.

✗   2. It renders some of the worst environmental damage.

✗   3. It renders some of the drasticenvironmental changes.

✔   4. Because of its properties and the benefits plastics provide across industries.

Question ID : **6395131582**
Status : **Answered**
Chosen Option : **4**

Comprehension:

Read the following passage carefully and answer the questions given below. Certain words are given in bold to help you locate them while answering some of the questions.

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SubQuestion No : 4

Q.4 According to the given passage, why does the imposition of ban on plastics fail?

Ans

✗ 1. A lack of correct implementation policy to execute the ban.

✔ 2. Lack of alternatives to plastic.

✗ 3. The forceful execution of the policy rendered it ineffective.

✗ 4. Public awareness of the problem is low.

Comprehension:

Read the following passage carefully and answer the questions given below. Certain words are given in bold to help you locate them while answering some of the questions.

The Narendra Modi government has asked states to curb the production of single use plastics (SUP) in the next two weeks. This step is a part of the overarching goal to eliminate SUP by 2022. There is an irrefutable case in favour of getting rid of SUP, which are used just once before they are discarded. More than a dozen states over the last decade have tried to eliminate SUP. The next step therefore should be to carefully sift the results to find the most effective way forward.

Plastics are a miracle material, popular across industries for their properties. The flip side to this material's durability is the difficulty of disposing it, resulting in some of the worst forms of environmental damage. India generates about 9.4 million tons of plastic waste a year, and recycles about 60% of it. India's recycling record is impressive when measured by the global average. However, our challenge is a rapid incremental accumulation of plastic waste on account of the popularity of SUP.

Globally, a combination of bans and economic incentives have been used to eliminate SUP. India favours bans. Therefore, a look at Bangladesh's experience with a ban is helpful. The country imposed a ban in 2002 and public awareness of the problem is high. Yet, UN believes the policy failed because of lack of alternatives to plastic. At home, Tamil Nadu's experiment with a ban since the beginning of the year is facing a similar challenge. The Modi government is yet to ___ (A) ___ a comprehensive solution to eliminate SUP. It should first think through how it wants to actualise its goal. It's unwise to precipitate disruption even in the pursuit of a worthy goal.

Experience teaches us that a durable solution will have to incorporate economic incentives to eliminate SUP. Governments should continue to initiate and support all efforts at raising consciousness on the damaging impact of SUP. But if heightened awareness is to quickly translate into a ground level impact, fiscal incentives to encourage early adoption of alternatives are necessary. Plastics are popular because of their benefits. Therefore, a successful campaign against it has to be underpinned by creation of a market for alternative materials which don't have the same impact on the environment. The upfront fiscal incentives for it will repay itself manifold through a cleaner environment and better quality of life.

SubQuestion No : 5

Q.5 Which of the following words will come in place of (A) as given in the passage?

Ans ✔ 1. unveil

✘ 2. expose

✘ 3. withhold

✘ 4. display

Question ID : **6395131581**
Status : **Answered**
Chosen Option : **1**

Q.6 A sentence has been given in Active/Passive voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active voice.

Whom does he look for?

Ans ✘ 1. He is looked after for whom?

✘ 2. Who is looked after for him?

✘ 3. He is looked after by whom?

✔ 4. Who is looked for by him?

Question ID : **6395131609**
Status : **Not Answered**
Chosen Option : **--**

Q.7 Identify the segment in the sentence which contains the grammatical error from the given options. If there is no error, mark your answer as 'No error'.

He is confident and capable of passing the examination with flying colours

Ans ✗ 1. with flying colours

✗ 2. passing the examination

✗ 3. He is confident and capable of

✓ 4. No error

Question ID : **6395131598**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Select the most appropriate meaning of the given idiom/phrase.

The sword of Damocles

Ans ✗ 1. strict rules and regulations

✗ 2. an ill omen of death

✓ 3. a constant threat

✗ 4. threat of physical harm

Question ID : **6395131626**
Status : **Answered**
Chosen Option : **3**

Q.9 A sentence has been given in Active/Passive voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active voice.

Do you understand what has been written?

Ans ✗ 1. Was what is written understood by you?

✓ 2. Is the write-up / written matter understood by you?

✗ 3. What is written is understood by you?

✗ 4. What is written is that understood by you?

Question ID : **6395131608**
Status : **Answered**
Chosen Option : **2**

Q.10 A sentence with an underlined word is given below. Select the most appropriate ANTONYM for the underlined word from the given options.

The college is not able to <u>expand</u> because of restrictive planning laws.

Ans ✗ 1. Amplify

✗ 2. Elongate

✓ 3. Contract

✗ 4. Lengthen

Question ID : **6395131622**
Status : **Answered**
Chosen Option : **2**

Q.11 In the following question a sentence is given in Direct/Indirect speech. Out of the four alternatives choose the one which best expresses the sentence in Indirect/Direct Speech.

The teacher said, "Why can't you come to school on time, Reema?"

Ans ✗ 1. The teacher asked Reema why can't she come to school on time.

✓ 2. The teacher asked Reema why she couldn't come to school on time.

✗ 3. The teacher asked Reema why couldn't she come to school on time.

✗ 4. The teacher asked Reema why she can't come to school on time.

Question ID : **6395131602**
Status : **Answered**
Chosen Option : **3**

Q.12 In the following question a sentence is given in Direct/Indirect speech. Out of the four alternatives choose the one which best expresses the sentence in Indirect/Direct Speech.

Sita said, "I have not seen my grandmother for a very long time."

Ans ✗ 1. Sita said that she did not see her grandmother for a very long time.

✗ 2. Sita said that she did not seen her grandmother for a very long time.

✓ 3. Sita said that she had not seen her grandmother for a very long time.

✗ 4. Sita said that she has not seen her grandmother for a very long time.

Question ID : **6395131603**
Status : **Answered**
Chosen Option : **3**

Q.13 In the following question a sentence is given in Direct/Indirect speech. Out of the four alternatives choose the one which best expresses the sentence in Indirect/Direct Speech.

She exclaimed, "I'm afraid we are rather late!"

Ans ✗ 1. She exclaimed that they were frightened of being late

✓ 2. She exclaimed that she was afraid that they were rather late

✗ 3. She screamed that she was worried that they would all be late

✗ 4. She shouted that they were scared that they would be late

Question ID : **6395131606**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Identify the segment in the sentence which contains the grammatical error from the given options. If there is no error, mark your answer as 'No error'.

Supergravity become a powerful mathematical tool and is effectively a low-energy version of string theory.

Ans ✗ 1. tool and is effectively a low-energy

✗ 2. version of string theory.

✓ 3. Supergravity become a powerful mathematical

✗ 4. No error

Question ID : **6395131633**
Status : **Answered**
Chosen Option : **3**

Q.15 A sentence has been given in Active/Passive voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active voice.

The comic scenes in the play were over done by the actors.

Ans ✔️ 1. The actors over did the comic scenes in the play.

❌ 2. The actors had over done the comic scenes in the play.

❌ 3. The actors over do the comic scenes in the play.

❌ 4. The actors are over doing the comic scences in the play.

Question ID : **6395131607**
Status : **Answered**
Chosen Option : **2**

Q.16 Fill in the blank with grammatically correct option.

We are expecting the reply _____ evening.

Ans ✔️ 1. by

❌ 2. till

❌ 3. until

❌ 4. at

Question ID : **6395131589**
Status : **Answered**
Chosen Option : **2**

Q.17 Select the most appropriate SYNONYM of the given word.

Betray

Ans ❌ 1. Conceal

❌ 2. Loyal

✔️ 3. Deceive

❌ 4. Devoted

Question ID : **6395131613**
Status : **Answered**
Chosen Option : **3**

Q.18 Identify the segment in the sentence which contains the grammatical error from the given options. If there is no error, mark your answer as 'No error'.

The governors have returned back from Delhi.

Ans ❌ 1. The governors

✔️ 2. back from Delhi.

❌ 3. No Error

❌ 4. have returned

Question ID : **6395131600**
Status : **Answered**
Chosen Option : **1**

Q.19 A sentence with an underlined word is given below. Select the most appropriate SYNONYM for the underlined word from the given options.

Queen Victoria mourned Prince Albert's death for 40 years.

Ans ✔ 1. Grieved

✘ 2. Forgot

✘ 3. Rejoiced

✘ 4. Celebrated

Q.20 Identify the segment in the sentence which contains the grammatical error from the given options. If there is no error, mark your answer as 'No error'.

It was a battered, worn, broken desk.

Ans ✘ 1. No Error

✘ 2. desk.

✔ 3. a battered, worn, broken

✘ 4. It was

Q.21 Identify the segment in the sentence which contains the grammatical error from the given options.

West Bengal, is so vexed with the problem of mobile phones being smuggled in to prison that it is considering a special legislation to tackling the problem.

Ans ✔ 1. it is considering a special legislation to tackling the problem.

✘ 2. West Bengal, is so vexed with

✘ 3. the problem of mobile phones

✘ 4. being smuggled in to prison that

Q.22 Select the most appropriate ANTONYM of the given word.

Jeopardize

Ans ✔ 1. Safeguard

✘ 2. Spur

✘ 3. Conclusive

✘ 4. Adulterate

Q.23 Select the most appropriate meaning of the given idiom/phrase.

Dead wood

Ans ✔ 1. People or things which are no longer useful or necessary

✘ 2. Refers to a person without sentiments and sympathy for anyone

✘ 3. Carrying an idea which constantly occupies your thoughts

✘ 4. Challenge someone in his own area.

Question ID : **6395131627**
Status : **Answered**
Chosen Option : **1**

Q.24 Identify the segment in the sentence which contains the grammatical error from the given options. If there is no error, mark your answer as 'No error'.

Many of the top holiday destinations of the Mediterranean country fears the damaging consequences that a hard Brexit and a recession in Germany could have on their economic perspectives.

Ans ✘ 1. and a recession in Germany could have on their economic perspectives.

✘ 2. No error

✘ 3. Many of the top holiday destinations of the Mediterranean country

✔ 4. fears the damaging consequences that a hard Brexit

Question ID : **6395131632**
Status : **Not Answered**
Chosen Option : **--**

Q.25 A sentence has been given in Active/Passive voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active voice.

Payal threw the ball.

Ans ✘ 1. The ball was thrown at by Payal.

✔ 2. The ball was thrown by Payal.

✘ 3. The ball was to be thrown by Payal.

✘ 4. The ball had been thrown by Payal.

Question ID : **6395131611**
Status : **Answered**
Chosen Option : **2**

Q.26 Select the most appropriate ANTONYM of the given word.

Clever

Ans ✘ 1. Intelligent

✘ 2. Brilliant

✔ 3. Wicked

✘ 4. Brainy

Question ID : **6395131620**
Status : **Answered**
Chosen Option : **1**

Q.27 Identify the segment in the sentence which contains the grammatical error from the given options.

He is credited to having build National Centre for Biological Sciences, one of India's top research institutions today, along with co-founders Gaiti Hassan and Obaid Siddiqui.

Ans
✗ 1. National Centre for Biological Sciences, one of India's

✓ 2. He is credited to having build

✗ 3. top research institutions today, along with

✗ 4. co-founders Gaiti Hassan and Obaid Siddiqui.

Q.28 Identify the segment in the sentence which contains the grammatical error from the given options.

I shall ring him tomorrow in the afternoon.

Ans
✓ 1. ring him

✗ 2. I shall

✗ 3. in the afternoon.

✗ 4. tomorrow

Q.29 Identify the segment in the sentence which contains the grammatical error from the given options. If there is no error, mark your answer as 'No error'.

Agriculture in the United States has become 48 times more toxic to insects over the last 25 years, largely due to a controversy, widely used class of pesticides.

Ans
✗ 1. Agriculture in the United States has become 48 times more toxic to insects

✗ 2. widely used class of pesticides.

✗ 3. No error

✓ 4. over the last 25 years, largely due to a controversy,

Q.30 Fill in the blank with grammatically correct option.

The man died _____ fever.

Ans
✗ 1. by

✓ 2. of

✗ 3. from

✗ 4. with

Q.31 Identify the segment in the sentence which contains the grammatical error from the given options.

It was in Paris that he begun to produce his early figurative work that marked his obsession with the human form, especially the face.

Ans

✗ 1. that marked his obsession

✓ 2. begun to produce his early figurative work

✗ 3. It was in Paris that he

✗ 4. with the human form, especially the face.

Question ID : **6395131637**
Status : **Not Answered**
Chosen Option : **--**

Q.32 Identify the segment in the sentence which contains the grammatical error from the given options.

I enjoyed during my stay in England.

Ans

✗ 1. during my

✓ 2. I enjoyed

✗ 3. stay in

✗ 4. England.

Question ID : **6395131597**
Status : **Answered**
Chosen Option : **1**

Q.33 Fill in the blank with grammatically correct option.

The river flows _____ the bridge.

Ans

✗ 1. below

✗ 2. beneath

✗ 3. through

✓ 4. under

Question ID : **6395131591**
Status : **Answered**
Chosen Option : **4**

Q.34 Select the most appropriate ANTONYM of the given word.

Blemish

Ans

✗ 1. Scrupulous

✗ 2. Deny

✓ 3. Enhancement

✗ 4. Commemorate

Question ID : **6395131623**
Status : **Not Answered**
Chosen Option : **--**

Q.35 In the given question, out of the four alternatives, select the alternative which is the most appropriate substitute of the given phrase.

The more they earn, more they spend.

Ans   ✗ 1. the more they earn, the more they spend

       ✗ 2. more they earned, more they spend

       ✔ 3. more they earn, the more they spend

       ✗ 4. no improvement

Q.36 Identify the segment in the sentence which contains the grammatical error from the given options.

His work is situated at the intersection of art and fashion, and makes a strong social statement.

Ans   ✗ 1. at the intersection of

       ✗ 2. art and fashion, and makes

       ✗ 3. His work is situated

       ✔ 4. a strong social statement.

Q.37 Select the most appropriate option to substitute the underlined segment in the given sentence.

The police break-up the trunk and found the looted jewelry.

Ans   ✗ 1. broke opened

       ✗ 2. break opened

       ✔ 3. broke open

       ✗ 4. breakingly opened

Q.38 Identify the segment in the sentence which contains the grammatical error from the given options. If there is no error, mark your answer as 'No error'.

He is indifferent and neglectful of his social responsibilities

Ans   ✗ 1. neglectful of

       ✗ 2. No error

       ✗ 3. his social responsibilities

       ✔ 4. He is indifferent and

Q.39 Fill in the blank with grammatically correct option.

He has been studying _____ yesterday.

Ans ✔ 1. since

✘ 2. till

✘ 3. for

✘ 4. from

Q.40 Fill in the blank with grammatically correct option.

Only the principal _____ grant you concession.

Ans ✘ 1. might

✔ 2. can

✘ 3. used to

✘ 4. may

Q.41 Identify the segment in the sentence which contains the grammatical error from the given options.

The builder's complaint in 2017 only farther confirmed what the police already knew: prison is not even a speed bump for criminal elements who know their way around.

Ans ✘ 1. for criminal elements who know their way around.

✔ 2. only farther confirmed what the police

✘ 3. The builder's complaint in 2017

✘ 4. already knew: prison is not even a speed bump

Q.42 Match the words with their meaning.

a. Propinquity	1. Small fault
b. Polemic	2. Proximity
c. Peccadillo	3. Controversial argument

Ans ✔ 1. a - 2, b - 3, c - 1

✖ 2. a - 1, b - 3, c - 2

✖ 3. a - 3, b - 1, c - 2

✖ 4. a - 2, b - 1, c - 3

Question ID : **6395131619**
Status : **Not Answered**
Chosen Option : **--**

Q.43 Fill in the blank with grammatically correct option.

The final decision rests _____ the director.

Ans ✖ 1. by

✔ 2. with

✖ 3. at

✖ 4. on

Question ID : **6395131590**
Status : **Answered**
Chosen Option : **2**

Q.44 Select the most appropriate SYNONYM of the given word.

Modest

Ans ✖ 1. shy

✔ 2. humble

✖ 3. dour

✖ 4. grave

Question ID : **6395131616**
Status : **Not Answered**
Chosen Option : **--**

Q.45 A sentence with an underlined word is given below. Select the most appropriate ANTONYM for the underlined word from the given options.

In their efforts to reduce crime the government <u>expanded</u> the police force.

Ans ✗ 1. Elongated

✓ 2. Contracted

✗ 3. Enlarged

✗ 4. Increased

Question ID : **6395131621**
Status : **Answered**
Chosen Option : **4**

Q.46 Select the most appropriate meaning of the given idiom/phrase.

Violation or misuse of what is regarded as sacred

Ans ✗ 1. Indelible

✓ 2. Sacrilege

✗ 3. Panacea

✗ 4. Sinecure

Question ID : **6395131618**
Status : **Not Answered**
Chosen Option : **--**

Q.47 Identify the type of Adverb given in bold and mark the correct option.

The police followed him **everywhere**.

Ans ✗ 1. manner

✗ 2. time

✗ 3. frequency

✓ 4. place

Question ID : **6395131584**
Status : **Answered**
Chosen Option : **4**

Q.48 Fill in the blank with grammatically correct option.

You _____ go when you have finished your work.

Ans ✗ 1. would

✗ 2. used to

✗ 3. can

✓ 4. may

Question ID : **6395131594**
Status : **Answered**
Chosen Option : **4**

Q.49 Select the most appropriate meaning of the given idiom/phrase.

Not let grass grow under feet

Ans   ✗ 1. Expresses a reaction without words

       ✗ 2. Refers to not exhibiting any emotion where it is expected

       ✗ 3. Something that makes you feel disgusting or nervous

       ✓ 4. Don't delay in getting something done

> Question ID : **6395131628**
> Status : **Answered**
> Chosen Option : **4**

Q.50 Select the most appropriate SYNONYM of the given word.

Expository

Ans   ✗ 1. Temperamental

       ✗ 2. Obligatory

       ✗ 3. Dubious

       ✓ 4. Illustrative

> Question ID : **6395131615**
> Status : **Answered**
> Chosen Option : **4**

Q.51 Identify the type of Adverb given in bold and mark the correct option.

She sings beautifully.

Ans   ✓ 1. manner

       ✗ 2. degree

       ✗ 3. affirmation

       ✗ 4. frequency

> Question ID : **6395131587**
> Status : **Answered**
> Chosen Option : **1**

Q.52 Select the most appropriate meaning of the given idiom/phrase.

Fear of being egotistical, being alone or isolated

Ans   ✗ 1. Geraphobia

       ✗ 2. Hematophobia

       ✗ 3. Nyctophobia

       ✓ 4. Autophobia

> Question ID : **6395131617**
> Status : **Not Answered**
> Chosen Option : **--**

Q.53 Select the most appropriate meaning of the given idiom/phrase.

Through thick and thin

Ans ✗ 1. in difficult times

✗ 2. in happy moments

✓ 3. under all circumstances

✗ 4. in different weathers

Question ID : **6395131625**
Status : **Answered**
Chosen Option : **1**

Q.54 In the following question a sentence is given in Direct/Indirect speech. Out of the four alternatives choose the one which best expresses the sentence in Indirect/Direct Speech.

Geeta said, "I did not do this deliberately."

Ans ✗ 1. Geeta said that she has not done this deliberately

✓ 2. Geeta said that she had not done that deliberately

✗ 3. Geeta said that I have not done this deliberately

✗ 4. Geeta said that I had not done that deliberately

Question ID : **6395131605**
Status : **Answered**
Chosen Option : **4**

Q.55 Identify the type of Adverb given in bold and mark the correct option.

He often visits me.

Ans ✓ 1. frequency

✗ 2. degree

✗ 3. manner

✗ 4. affirmation

Question ID : **6395131588**
Status : **Answered**
Chosen Option : **1**

Q.56 A sentence has been given in Active/Passive voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active voice.

The hunchback was being laughed at by everyone.

Ans ✗ 1. Everyone is laughing at the hunchback

✗ 2. Everyone laughs at the hunchback.

✗ 3. Everyone laughed at the hunchback.

✓ 4. Everyone was laughing at the hunchback.

Question ID : **6395131610**
Status : **Answered**
Chosen Option : **3**

Q.57 Identify the type of Adverb given in bold and mark the correct option.

He walks boastfully.

Ans ❌ 1. interrogation

❌ 2. degree

✅ 3. manner

❌ 4. place

Question ID : **6395131585**
Status : **Not Answered**
Chosen Option : **--**

Q.58 In the following question a sentence is given in Direct/Indirect speech. Out of the four alternatives choose the one which best expresses the sentence in Indirect/Direct Speech.

"Soni, why haven't you had your bath till now?" said her mother angrily.

Ans ❌ 1. Soni's mother angrily asked her why she did not have her bath till then.

❌ 2. Soni's mother angrily asked her that why she did not had her bath till then.

✅ 3. Soni's mother angrily asked her why she hadn't had her bath till then.

❌ 4. Soni's mother angrily asked her why didn't she have her bath till then.

Question ID : **6395131604**
Status : **Answered**
Chosen Option : **3**

Q.59 Identify the type of Adverb given in bold and mark the correct option.

He always comes late.

Ans ❌ 1. manner-degree

❌ 2. frequency-manner

❌ 3. manner-manner

✅ 4. frequency-time

Question ID : **6395131586**
Status : **Answered**
Chosen Option : **1**

Q.60 Select the most appropriate SYNONYM of the given word.

Mature

Ans ❌ 1. Nurturing

❌ 2. Growing

❌ 3. Childish

✅ 4. Adult

Question ID : **6395131614**
Status : **Answered**
Chosen Option : **4**