बिहार विद्यालय परीक्षा समिति
BIHAR SCHOOL EXAMINATION BOARD

Exam Name	STET Exam 2025
Paper	Paper II
Roll No	
Participant Name	
Test Center Name	Aadarsh Pariksha Kendra Bhagalpur
Test Date	16/11/2025
Test Time	9:00 AM - 11:30 AM

Section : **Part I Physics(214)**

Q.1 **The first law of thermodynamics is may be written in usual symbols as**

Ans

✔ A. ds = T dQ

✘ B. dU = TDS

✘ C. dQ = dU + P dV

✘ D. dU = dQ + PdV

Question Type : **MCQ**
Question ID : **43357610065**
Option 1 ID : **43357640257**
Option 2 ID : **43357640258**
Option 3 ID : **43357640259**
Option 4 ID : **43357640260**
Status : **Answered**
Chosen Option : **D**

Q.2 The relative permeability of a medium is 0.075. What is the magnetic susceptibility?

Ans
✗ A. 0.92500000000000004
✓ B. −0.925
✗ C. 1.075
✗ D. −1.075

Question Type : **MCQ**
Question ID : **43357610176**
Option 1 ID : **43357640701**
Option 2 ID : **43357640702**
Option 3 ID : **43357640703**
Option 4 ID : **43357640704**
Status : **Answered**
Chosen Option : **D**

Q.3 An electric fuse is based on

Ans
✓ A. the heating effect of the current
✗ B. the chemical effect of the current
✗ C. the magnetic effect of the current
✗ D. non of these

Question Type : **MCQ**
Question ID : **43357610226**
Option 1 ID : **43357640901**
Option 2 ID : **43357640902**
Option 3 ID : **43357640903**
Option 4 ID : **43357640904**
Status : **Answered**
Chosen Option : **A**

Q.4 How does the angle at which diffraction minima occur change as the wavelength of light is increased

Ans
✗ A. The angle increases
✗ B. The angle decreases
✓ C. The angle remains the same
✗ D. The angle becoms zero

Question Type : **MCQ**
Question ID : **43357610114**
Option 1 ID : **43357640453**
Option 2 ID : **43357640454**
Option 3 ID : **43357640455**
Option 4 ID : **43357640456**
Status : **Answered**
Chosen Option : **A**

Q.5 Two resistors of resistances 2Ω and 4Ω when connected with a battery will have

Ans
✗ A. same current flowing through them when connected in parallel.
✓ B. same current flowing through them when connected in series.
✗ C. same potential difference across them when connected in series.
✗ D. different potential differences when connected in parallel.

Question Type : **MCQ**
Question ID : **43357610193**
Option 1 ID : **43357640769**
Option 2 ID : **43357640770**
Option 3 ID : **43357640771**
Option 4 ID : **43357640772**
Status : **Answered**
Chosen Option : **B**

Q.6 Two thin lenses of power +12 and -2 diopters are placed in contact the focal length of the combination is -

Ans
✓ A. 8.33 Cm
✗ B. 10.00 Cm
✗ C. 12.50 Cm
✗ D. None of these

Question Type : **MCQ**
Question ID : **43357610121**
Option 1 ID : **43357640481**
Option 2 ID : **43357640482**
Option 3 ID : **43357640483**
Option 4 ID : **43357640484**
Status : **Answered**
Chosen Option : **B**

Q.7 The magnetic field lines due to a straight wire carrying a current are

Ans
✗ A. straight
✓ B. circular
✗ C. parabolic
✗ D. elliptical

Question Type : **MCQ**
Question ID : **43357610218**
Option 1 ID : **43357640869**
Option 2 ID : **43357640870**
Option 3 ID : **43357640871**
Option 4 ID : **43357640872**
Status : **Answered**
Chosen Option : **D**

Q.8 The correct relation between electric displacement D, electric field E and polarization P is

Ans
✗ A. E= ε0D+P
✗ B. P=ε0E+P
✗ C. D= ε0E+P
✓ D. P=E+D

Question Type : **MCQ**
Question ID : **43357610087**
Option 1 ID : **43357640345**
Option 2 ID : **43357640346**
Option 3 ID : **43357640347**
Option 4 ID : **43357640348**
Status : **Answered**
Chosen Option : **C**

Q.9 In the state of weightlessness, a capillary tube is dipped in water, then water

Ans
✗ A. Will not rise at all
✗ B. Will rise to same height as at atmospheric pressure
✗ C. Will rise to less height than at atmospheric pressure
✓ D. Will rise up to the upper end of the capillary tube of any length

Question Type : **MCQ**
Question ID : **43357610165**
Option 1 ID : **43357640657**
Option 2 ID : **43357640658**
Option 3 ID : **43357640659**
Option 4 ID : **43357640660**
Status : **Answered**
Chosen Option : **B**

Q.10 The thermo dynemical relation expressing the change of temperature with value at constant entropy is …. (where symbols have their usual meaning)

Ans

✗ A. $\left(\frac{dT}{dV}\right)_S = -T\left(\frac{dP}{dQ}\right)_V$

✓ B. $\left(\frac{dT}{dV}\right)_S = T\left(\frac{dP}{dQ}\right)_V$

✗ C. $\left(\frac{dT}{dV}\right)_S = -V\left(\frac{dP}{dQ}\right)_T$

✗ D. none of these

Question Type : **MCQ**
Question ID : **43357610064**
Option 1 ID : **43357640253**
Option 2 ID : **43357640254**
Option 3 ID : **43357640255**
Option 4 ID : **43357640256**
Status : **Answered**
Chosen Option : **A**

Q.11 The product of resistivity and conductivity of a cylindrical conductor depends on

Ans

✗ A. temperature

✗ B. material

✗ C. area of cross section

✓ D. none of these.

Question Type : **MCQ**
Question ID : **43357610204**
Option 1 ID : **43357640813**
Option 2 ID : **43357640814**
Option 3 ID : **43357640815**
Option 4 ID : **43357640816**
Status : **Answered**
Chosen Option : **D**

Q.12 Which of the following factors affects the surface energy of a liquid?

Ans
✔ A. Temperature
✘ B. Pressure
✘ C. Volume
✘ D. Density

Question Type : **MCQ**
Question ID : **43357610052**
Option 1 ID : **43357640205**
Option 2 ID : **43357640206**
Option 3 ID : **43357640207**
Option 4 ID : **43357640208**
Status : **Answered**
Chosen Option : **A**

Q.13 Which of the following maxwell's equations represents Ampere's law for electricity

Ans
✘ A. $\nabla . \vec{B} = 0$
✘ B. $\nabla . \vec{E} = \frac{\rho}{\epsilon_0}$
✘ C. $\nabla \times \vec{E} = \frac{\delta \vec{B}}{\delta t}$
✔ D. none of these

Question Type : **MCQ**
Question ID : **43357610097**
Option 1 ID : **43357640385**
Option 2 ID : **43357640386**
Option 3 ID : **43357640387**
Option 4 ID : **43357640388**
Status : **Answered**
Chosen Option : **B**

Q.14 Which of the following measures will decrease the strength of the magnetic field of a current carrying solenoid?

Ans
✔ A. Increase the temperature of the solenoid
✘ B. Increase the current
✘ C. Increase the number of turns of wire
✘ D. All of these

Question Type : **MCQ**
Question ID : **43357610224**
Option 1 ID : **43357640893**
Option 2 ID : **43357640894**
Option 3 ID : **43357640895**
Option 4 ID : **43357640896**
Status : **Answered**
Chosen Option : **D**

Q.15 Which gate is known as the universal logic gate?

Ans
✗ A. NAND
✗ B. OR
✗ C. AND
✓ D. None of these

Question Type : **MCQ**
Question ID : **43357610151**
Option 1 ID : **43357640601**
Option 2 ID : **43357640602**
Option 3 ID : **43357640603**
Option 4 ID : **43357640604**
Status : **Answered**
Chosen Option : **A**

Q.16 Through which mode of propagation, the radio waves can be sent from one place to another-

Ans
✓ A. Ground wave propagation
✗ B. Sky wave propagation
✗ C. Space Wave propagation
✗ D. All of the above

Question Type : **MCQ**
Question ID : **43357610155**
Option 1 ID : **43357640617**
Option 2 ID : **43357640618**
Option 3 ID : **43357640619**
Option 4 ID : **43357640620**
Status : **Answered**
Chosen Option : **D**

Q.17 If white light is used in Young's double slit experiment, then the central fringe will be

Ans
✓ A. Red
✗ B. Coloured
✗ C. White
✗ D. Blue

Question Type : **MCQ**
Question ID : **43357610129**
Option 1 ID : **43357640513**
Option 2 ID : **43357640514**
Option 3 ID : **43357640515**
Option 4 ID : **43357640516**
Status : **Answered**
Chosen Option : **D**

Q.18 Kirchoff's current law state that the sum of currents intering a junction equal to the sum of current

Ans
✗ A. exiting through the junction
✗ B. flowing through the resistors
✗ C. circulating in the loop
✓ D. flowing through the capacitors

Question Type : **MCQ**
Question ID : **43357610103**
Option 1 ID : **43357640409**
Option 2 ID : **43357640410**
Option 3 ID : **43357640411**
Option 4 ID : **43357640412**
Status : **Answered**
Chosen Option : **A**

Q.19 Which of the following is correct about Fraunhofer diffraction?

Ans
✗ A. Wavefronts are planar
✗ B. Wavefronts are spherical
✓ C. Wavefronts are cylindrical
✗ D. All of these

Question Type : **MCQ**
Question ID : **43357610117**
Option 1 ID : **43357640465**
Option 2 ID : **43357640466**
Option 3 ID : **43357640467**
Option 4 ID : **43357640468**
Status : **Answered**
Chosen Option : **D**

Q.20 According to Einstein's explanation of the Photoelectronic effect, what is the energy of a photon of light?

Ans
✗ A. Inverely proportional to the frequency of light
✗ B. Directly proportional to the intensity of light
✓ C. Inversely proportional to the intensity of light
✗ D. Directly proportional to the frequency of light

Question Type : **MCQ**
Question ID : **43357610124**
Option 1 ID : **43357640493**
Option 2 ID : **43357640494**
Option 3 ID : **43357640495**
Option 4 ID : **43357640496**
Status : **Answered**
Chosen Option : **B**

Q.21 The directions of the propagation vector k and the Poynting vector S for an electromagnetic wave are

Ans
✔ A. parallel to each other
✘ B. anti-parallel to each-other
✘ C. normal to each other
✘ D. any other angle

Question Type : **MCQ**
Question ID : **43357610098**
Option 1 ID : **43357640389**
Option 2 ID : **43357640390**
Option 3 ID : **43357640391**
Option 4 ID : **43357640392**
Status : **Answered**
Chosen Option : **C**

Q.22 Electric current is measured by

Ans
✘ A. a voltmeter
✔ B. an ammeter
✘ C. a potentiometer
✘ D. an anemometer

Question Type : **MCQ**
Question ID : **43357610190**
Option 1 ID : **43357640757**
Option 2 ID : **43357640758**
Option 3 ID : **43357640759**
Option 4 ID : **43357640760**
Status : **Answered**
Chosen Option : **B**

Q.23 Which type of feedback is used in case of an oscillator circuit?

Ans
✘ A. Positive
✔ B. Negative
✘ C. Unity
✘ D. None of these

Question Type : **MCQ**
Question ID : **43357610148**
Option 1 ID : **43357640589**
Option 2 ID : **43357640590**
Option 3 ID : **43357640591**
Option 4 ID : **43357640592**
Status : **Answered**
Chosen Option : **C**

Q.24 A moving charge produces

Ans
✗ A. electric field only
✗ B. magnetic field only
✓ C. electric and magnetic field both
✗ D. none of them

Question Type : **MCQ**
Question ID : **43357610232**
Option 1 ID : **43357640925**
Option 2 ID : **43357640926**
Option 3 ID : **43357640927**
Option 4 ID : **43357640928**
Status : **Answered**
Chosen Option : **C**

Q.25 If the time period of a satellite moving near the Earth surface is T and the time period of a simple pendulum of infinite is T', then

Ans
✓ A. T=T'
✗ B. T>T'
✗ C. T<T'
✗ D. None of these

Question Type : **MCQ**
Question ID : **43357610157**
Option 1 ID : **43357640625**
Option 2 ID : **43357640626**
Option 3 ID : **43357640627**
Option 4 ID : **43357640628**
Status : **Answered**
Chosen Option : **A**

Q.26 The resistivity does not change if

Ans
✗ A. the material is changed
✗ B. the temperature is changed
✓ C. the shape of the resistor is changed
✗ D. both material and temperature are changed

Question Type : **MCQ**
Question ID : **43357610184**
Option 1 ID : **43357640733**
Option 2 ID : **43357640734**
Option 3 ID : **43357640735**
Option 4 ID : **43357640736**
Status : **Answered**
Chosen Option : **C**

Q.27 Melting point of Ethanol is ____

Ans
✗ A. -114° C
✗ B. 0° C
✓ C. 1063° C
✗ D. -29° C

Question Type : **MCQ**
Question ID : **43357610055**
Option 1 ID : **43357640217**
Option 2 ID : **43357640218**
Option 3 ID : **43357640219**
Option 4 ID : **43357640220**
Status : **Answered**
Chosen Option : **D**

Q.28 A contact angle grater than 90° indicates that the liquid -

Ans
✗ A. strongly wets the solid surface
✗ B. does not wet the solid surface well
✓ C. forms a perfect sphere on the solid surface
✗ D. spreads evenly on the solid surface

Question Type : **MCQ**
Question ID : **43357610053**
Option 1 ID : **43357640209**
Option 2 ID : **43357640210**
Option 3 ID : **43357640211**
Option 4 ID : **43357640212**
Status : **Answered**
Chosen Option : **B**

Q.29 Lez's law helps to determine

Ans
✗ A. The magnitude of the induced current
✗ B. The direction of the induced current
✓ C. The speed of the moving magnet
✗ D. The energy of the magnatic field

Question Type : **MCQ**
Question ID : **43357610095**
Option 1 ID : **43357640377**
Option 2 ID : **43357640378**
Option 3 ID : **43357640379**
Option 4 ID : **43357640380**
Status : **Answered**
Chosen Option : **A**

Q.30 Uhlenbeck and Goudsmit introduced the concept of

Ans
- ✗ A. Electron spin
- ✗ B. Electron charge
- ✓ C. Proton spin
- ✗ D. Neutron spin

Question Type : **MCQ**
Question ID : **43357610138**
Option 1 ID : **43357640549**
Option 2 ID : **43357640550**
Option 3 ID : **43357640551**
Option 4 ID : **43357640552**
Status : **Answered**
Chosen Option : **D**

Q.31 (i) When a small amount of pentavalent impurity is added to a pure semiconductor, its known as n-type semiconductor.
(ii) When a small amount of trivalent impurity is added to a Pure semiconductor, it is Called P-type semiconductor.

Ans
- ✗ A. Statement (i) is Correct
- ✓ B. Statement (ii) is Correct
- ✗ C. both Statement (i) & (ii) are Correct
- ✗ D. both Statement (i) & (ii) are incorrect

Question Type : **MCQ**
Question ID : **43357610134**
Option 1 ID : **43357640533**
Option 2 ID : **43357640534**
Option 3 ID : **43357640535**
Option 4 ID : **43357640536**
Status : **Answered**
Chosen Option : **D**

Q.32 The work done on a unit positive charge in bringing it form infinity to any point is called

Ans
- ✓ A. intensity at that point
- ✗ B. electric potential at that point
- ✗ C. electric potential at that infinity
- ✗ D. electric intensity at infinity

Question Type : **MCQ**
Question ID : **43357610088**
Option 1 ID : **43357640349**
Option 2 ID : **43357640350**
Option 3 ID : **43357640351**
Option 4 ID : **43357640352**
Status : **Answered**
Chosen Option : **B**

Q.33 The net resistance of a volmeter should be large to ensure that

Ans
✗ A. it does not get overheated

✗ B. the readings fall within the scale

✗ C. it can measure large potential differences

✓ D. it does not appreciably change the potential difference to be measured.

Question Type : **MCQ**
Question ID : **43357610212**
Option 1 ID : **43357640845**
Option 2 ID : **43357640846**
Option 3 ID : **43357640847**
Option 4 ID : **43357640848**
Status : **Answered**
Chosen Option : **C**

Q.34 Which of the following occurs without a change in the internal energy?

Ans
✗ A. Isochoric process

✓ B. Isobaric process

✗ C. Steady-state process

✗ D. Isothermal process

Question Type : **MCQ**
Question ID : **43357610058**
Option 1 ID : **43357640229**
Option 2 ID : **43357640230**
Option 3 ID : **43357640231**
Option 4 ID : **43357640232**
Status : **Answered**
Chosen Option : **D**

Q.35 The variation of magnetic flex with time in a closed circuit of resistance 10 ohm, in usal notations, is given by, $\phi = 6t^2 - t + 5$. The induced current in the circuit at t = 0.25 sec is ___

Ans
✓ A. 0.6 A

✗ B. 0.2 A

✗ C. 0.8 A

✗ D. 1.2 A

Question Type : **MCQ**
Question ID : **43357610104**
Option 1 ID : **43357640413**
Option 2 ID : **43357640414**
Option 3 ID : **43357640415**
Option 4 ID : **43357640416**
Status : **Answered**
Chosen Option : **B**

Q.36 A battery of 6 V and internal resistance of 0.5 ohm is joined in parallel with another battery of 10 V and internal resistance 10 ohm. The combination send a current through an external resistance of 12 ohm . If I_1 and I_2 be the currents given by two batteries , then the current through each Battery is ? or I_1 = ? and I_2 = ?

Ans
- ✔ A. I1=-2.27A , I2=2.865 A
- ✘ B. I1= 2.865 A I2 = 2.27A
- ✘ C. I1=6A , I2=10 A
- ✘ D. None of these.

Question Type : **MCQ**
Question ID : **43357610183**
Option 1 ID : **43357640729**
Option 2 ID : **43357640730**
Option 3 ID : **43357640731**
Option 4 ID : **43357640732**
Status : **Answered**
Chosen Option : **C**

Q.37 If α current gain of a transistor is 0.98. What is the value of β current gain of the transistor.....

Ans
- ✘ A. 0.49
- ✔ B. 4.9000000000000004
- ✘ C. 5
- ✘ D. 49

Question Type : **MCQ**
Question ID : **43357610146**
Option 1 ID : **43357640581**
Option 2 ID : **43357640582**
Option 3 ID : **43357640583**
Option 4 ID : **43357640584**
Status : **Answered**
Chosen Option : **A**

Q.38 In a balanced see-saw, the moment of sorce on either side of the pivot point are

Ans
- ✘ A. Equal in magnitude but opposite in direction
- ✘ B. Equal in direction but opposite in magnitude
- ✔ C. Different in magnitude and direction
- ✘ D. None of these

Question Type : **MCQ**
Question ID : **43357610043**
Option 1 ID : **43357640169**
Option 2 ID : **43357640170**
Option 3 ID : **43357640171**
Option 4 ID : **43357640172**
Status : **Answered**
Chosen Option : **A**

Q.39 The potential at a point P due to a charge of 4 x 10^{-7} C located 9 cm aways is ___

Ans
✗ A. 8 x 104 V
✓ B. 4 x 104 V
✗ C. 36 x 104 V
✗ D. None of these

Question Type : **MCQ**
Question ID : **43357610079**
Option 1 ID : **43357640313**
Option 2 ID : **43357640314**
Option 3 ID : **43357640315**
Option 4 ID : **43357640316**
Status : **Answered**
Chosen Option : **C**

Q.40 .....is used exclusively for the filaments of the bulbs.

Ans
✗ A. Copper
✗ B. Aluminium
✗ C. Silver
✓ D. Tungsten

Question Type : **MCQ**
Question ID : **43357610187**
Option 1 ID : **43357640745**
Option 2 ID : **43357640746**
Option 3 ID : **43357640747**
Option 4 ID : **43357640748**
Status : **Answered**
Chosen Option : **D**

Q.41 A 2 kg block is placed on a horizontal plane which has unkonwn friction co-efficient, μ. When a force of 10 N is applied at 60 degree below horizontal, the block is on the verge of sliding. Then

Ans
✓ A. the co-efficient of friction μ is (4-√3/13)
✗ B. The normal contact force is 5√3 N
✗ C. The force of friction is less than 5 N
✗ D. None of these

Question Type : **MCQ**
Question ID : **43357610045**
Option 1 ID : **43357640177**
Option 2 ID : **43357640178**
Option 3 ID : **43357640179**
Option 4 ID : **43357640180**
Status : **Answered**
Chosen Option : **A**

Q.42 The property of a circuit that converts electrical energy into heat is called

Ans
✔ A. electromotive force
✘ B. current
✘ C. voltage
✘ D. resistance

Question Type : **MCQ**
Question ID : **43357610108**
Option 1 ID : **43357640429**
Option 2 ID : **43357640430**
Option 3 ID : **43357640431**
Option 4 ID : **43357640432**
Status : **Answered**
Chosen Option : **A**

Q.43 A magnetic field can exert force on a

Ans
✘ A. moving magnet
✘ B. stationary magnet
✘ C. moving charge
✔ D. all of these

Question Type : **MCQ**
Question ID : **43357610220**
Option 1 ID : **43357640877**
Option 2 ID : **43357640878**
Option 3 ID : **43357640879**
Option 4 ID : **43357640880**
Status : **Answered**
Chosen Option : **D**

Q.44 When a Pure Semiconductor is heat, is resistance

Ans
✔ A. Goes up
✘ B. Goes down
✘ C. Remains the same
✘ D. Cannot Say

Question Type : **MCQ**
Question ID : **43357610135**
Option 1 ID : **43357640537**
Option 2 ID : **43357640538**
Option 3 ID : **43357640539**
Option 4 ID : **43357640540**
Status : **Answered**
Chosen Option : **B**

Q.45 Which of the following is found using Lenz's law?

Ans
✗ A. Induced emf
✗ B. Induced current
✓ C. The direction of induced emf
✗ D. The direction of alternating current

Question Type : **MCQ**
Question ID : **43357610178**
Option 1 ID : **43357640709**
Option 2 ID : **43357640710**
Option 3 ID : **43357640711**
Option 4 ID : **43357640712**
Status : **Answered**
Chosen Option : **A**

Q.46 Fibre optics cable used in communication works on the principle of

Ans
✗ A. regular reflection of light
✓ B. diffuse reflection of light
✗ C. refraction of light
✗ D. total internal reflection of light

Question Type : **MCQ**
Question ID : **43357610100**
Option 1 ID : **43357640397**
Option 2 ID : **43357640398**
Option 3 ID : **43357640399**
Option 4 ID : **43357640400**
Status : **Answered**
Chosen Option : **D**

Q.47 What do we call the maximum velocity of a fluid in a tube for which the flow remains streamlined?

Ans
✗ A. Lamellar velocity
✓ B. critical velocity
✗ C. Streamlined velocity
✗ D. Hyper velocity

Question Type : **MCQ**
Question ID : **43357610158**
Option 1 ID : **43357640629**
Option 2 ID : **43357640630**
Option 3 ID : **43357640631**
Option 4 ID : **43357640632**
Status : **Answered**
Chosen Option : **B**

Q.48 Barkhausen criterion for oscillator stability is-

Ans
✗ A. Aβ=0

✓ B. $A = \frac{1}{\beta^2}$

✗ C. Aβ = 1

✗ D. $A = \frac{1}{sqrt(\beta)}$

Question Type : **MCQ**
Question ID : **43357610149**
Option 1 ID : **43357640593**
Option 2 ID : **43357640594**
Option 3 ID : **43357640595**
Option 4 ID : **43357640596**
Status : **Answered**
Chosen Option : **C**

Q.49 The temperature of 5 kg of air raised by 1° at constant volume. If C_p=999 J $Kg^{-1}K^{-1}$ and γ=5/3 increase in its internal energy is -

Ans
✗ A. 2997 J

✗ B. 5667 J

✓ C. 999J

✗ D. None of these

Question Type : **MCQ**
Question ID : **43357610061**
Option 1 ID : **43357640241**
Option 2 ID : **43357640242**
Option 3 ID : **43357640243**
Option 4 ID : **43357640244**
Status : **Answered**
Chosen Option : **A**

Q.50 In a Young's double slit experiment let S_1 and S_2 be the two slits and C be the center of the screen If $\angle S_1CS_2 = \theta$ and λ is the wave length of light, the fringe width will be-

Ans
- ✗ A. λ/θ
- ✓ B. $\lambda\theta$
- ✗ C. $2\lambda/\theta$
- ✗ D. $\theta/2\lambda$

Question Type : **MCQ**
Question ID : **43357610120**
Option 1 ID : **43357640477**
Option 2 ID : **43357640478**
Option 3 ID : **43357640479**
Option 4 ID : **43357640480**
Status : **Answered**
Chosen Option : **D**

Q.51 A magnetic material of susceptibility 3×10^{-4}, and magnetic intensity is 4×10^{-4} Am^{-1}. Then the magnetization in unit of Am^{-1} is

Ans
- ✓ A. 12 x 10-8
- ✗ B. 0.75 x 10-8
- ✗ C. 1.33 x 10-8
- ✗ D. 14 x 10-8

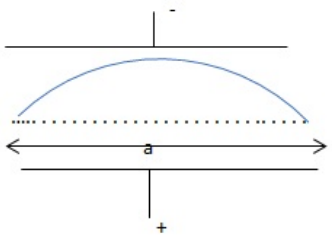
Question Type : **MCQ**
Question ID : **43357610177**
Option 1 ID : **43357640705**
Option 2 ID : **43357640706**
Option 3 ID : **43357640707**
Option 4 ID : **43357640708**
Status : **Answered**
Chosen Option : **A**

Q.52 What is the length of a simple pendulum, which ticks seconds?

Ans
- ✓ A. 50 cm
- ✗ B. 200 cm
- ✗ C. 100 cm
- ✗ D. None of these

Question Type : **MCQ**
Question ID : **43357610068**
Option 1 ID : **43357640269**
Option 2 ID : **43357640270**
Option 3 ID : **43357640271**
Option 4 ID : **43357640272**
Status : **Answered**
Chosen Option : **A**

Q.53 The Plates of a parallel plate capacitor are squares of edge 'a' and separated by 'd' . An electron is projected from mid-point at an end and displaces by 'a' without touching the plates, the maximum angle of projection is



Ans

✗ A. $tan^{-1}\left(\frac{d}{a}\right)$

✗ B. $tan^{-1}\left(\frac{2d}{a}\right)$

✗ C. $cot^{-1}\left(\frac{2d}{a}\right)$

✓ D. None of these

Question Type : **MCQ**
Question ID : **43357610044**
Option 1 ID : **43357640173**
Option 2 ID : **43357640174**
Option 3 ID : **43357640175**
Option 4 ID : **43357640176**
Status : **Answered**
Chosen Option : **B**

Q.54 The value of magnetic field at a distance of 2 cm from a very long straight wire carrying a current of 5 A?

Ans

✓ A. 5 x 10-5T

✗ B. 10 x 10-5 T

✗ C. 5 x 10-4T

✗ D. 15 x 10-6 T

Question Type : **MCQ**
Question ID : **43357610175**
Option 1 ID : **43357640697**
Option 2 ID : **43357640698**
Option 3 ID : **43357640699**
Option 4 ID : **43357640700**
Status : **Answered**
Chosen Option : **B**

Q.55 An Electric current can be produced in a closed loop

Ans
✗ A. by connecting it to battery, but not by moving a magnet near it
✗ B. by moving a magnet near it, but not by connecting it to a battery
✓ C. by connecting it to a battery, as well as by moving a magnet near it
✗ D. neither by connecting it to a battery nor by moving a magnet near it.

Question Type : **MCQ**
Question ID : **43357610214**
Option 1 ID : **43357640853**
Option 2 ID : **43357640854**
Option 3 ID : **43357640855**
Option 4 ID : **43357640856**
Status : **Answered**
Chosen Option : **C**

Q.56 When is a fluid called turbulent?

Ans
✗ A. High viscosity of fluid
✗ B. Reynolds number is greater than 4000
✓ C. Reynolds number is less than 2000
✗ D. The density of the fluid is low

Question Type : **MCQ**
Question ID : **43357610162**
Option 1 ID : **43357640645**
Option 2 ID : **43357640646**
Option 3 ID : **43357640647**
Option 4 ID : **43357640648**
Status : **Answered**
Chosen Option : **B**

Q.57 The Zeroth law of thermodynamics based on which parameter?

Ans
✓ A. Temperature
✗ B. Pressure
✗ C. Density
✗ D. Velocity

Question Type : **MCQ**
Question ID : **43357610056**
Option 1 ID : **43357640221**
Option 2 ID : **43357640222**
Option 3 ID : **43357640223**
Option 4 ID : **43357640224**
Status : **Answered**
Chosen Option : **A**

Q.58 How much does the phase change when awave is reflected from the boundary of rod wall -

Ans
✗ A. 0
✗ B. π/2
✓ C. π/4
✗ D. π

Question Type : **MCQ**
Question ID : **43357610071**
Option 1 ID : **43357640281**
Option 2 ID : **43357640282**
Option 3 ID : **43357640283**
Option 4 ID : **43357640284**
Status : **Answered**
Chosen Option : **B**

Q.59 As the temperature of a metallic resistor is increased, the product of its resistivity and conductivity

Ans
✗ A. increases
✗ B. decreases
✓ C. remains constant
✗ D. may increase or decreases

Question Type : **MCQ**
Question ID : **43357610205**
Option 1 ID : **43357640817**
Option 2 ID : **43357640818**
Option 3 ID : **43357640819**
Option 4 ID : **43357640820**
Status : **Answered**
Chosen Option : **C**

Q.60 Huygens' wave theory of light cannot explain

Ans
✗ A. Diffraction phenomena
✓ B. Interference phenomena
✗ C. Photoelectric effect
✗ D. Polarization of light

Question Type : **MCQ**
Question ID : **43357610125**
Option 1 ID : **43357640497**
Option 2 ID : **43357640498**
Option 3 ID : **43357640499**
Option 4 ID : **43357640500**
Status : **Answered**
Chosen Option : **C**

Q.61 Magnetic field lines determine

Ans
- ✗ A. only the direction of the field
- ✗ B. the relative strength of the field
- ✓ C. both the relative strength and the direction of the field
- ✗ D. only the shape of the field

Question Type : **MCQ**
Question ID : **43357610225**
Option 1 ID : **43357640897**
Option 2 ID : **43357640898**
Option 3 ID : **43357640899**
Option 4 ID : **43357640900**
Status : **Answered**
Chosen Option : **C**

Q.62 The square of the magnitude of the wave function is called

Ans
- ✓ A. current density
- ✗ B. probability density
- ✗ C. zero density
- ✗ D. volume density

Question Type : **MCQ**
Question ID : **43357610142**
Option 1 ID : **43357640565**
Option 2 ID : **43357640566**
Option 3 ID : **43357640567**
Option 4 ID : **43357640568**
Status : **Answered**
Chosen Option : **A**

Q.63 The binary number 10101 is equivalent to decimal number_____

Ans
- ✗ A. 19
- ✓ B. 12
- ✗ C. 27
- ✗ D. 21

Question Type : **MCQ**
Question ID : **43357610140**
Option 1 ID : **43357640557**
Option 2 ID : **43357640558**
Option 3 ID : **43357640559**
Option 4 ID : **43357640560**
Status : **Answered**
Chosen Option : **D**

Q.64 In a transistor

Ans
✗ A. IC=IE+IB
✗ B. IB=IC+IE
✗ C. IE.=IC+IB
✓ D. IE=IC+IB

Question Type : **MCQ**
Question ID : **43357610139**
Option 1 ID : **43357640553**
Option 2 ID : **43357640554**
Option 3 ID : **43357640555**
Option 4 ID : **43357640556**
Status : **Answered**
Chosen Option : **D**

Q.65 In a LCR circuit the sharpness of resonance curve ___

Ans
✗ A. Decreases with the increase of the inductance L
✓ B. Decreases with the decrease of the capacitane C
✗ C. does not depend upon the values of L, C, R
✗ D. Decreases with the increase of the resistance R

Question Type : **MCQ**
Question ID : **43357610075**
Option 1 ID : **43357640297**
Option 2 ID : **43357640298**
Option 3 ID : **43357640299**
Option 4 ID : **43357640300**
Status : **Answered**
Chosen Option : **B**

Q.66 A resistor of resistance R is connected to an ideal battery. If the value of R is decreased, the power dissipated in the resistor will

Ans
✓ A. increase
✗ B. decrease
✗ C. remain unchanged
✗ D. decrease then remain unchanged

Question Type : **MCQ**
Question ID : **43357610207**
Option 1 ID : **43357640825**
Option 2 ID : **43357640826**
Option 3 ID : **43357640827**
Option 4 ID : **43357640828**
Status : **Answered**
Chosen Option : **B**

Q.67 In amplitude modulation, the bandwidth is .....

Ans
✗ A. equal to the signal frequency
✓ B. twice the signal frequency
✗ C. thrice the signal frequency
✗ D. four times the signal frequency

Question Type : **MCQ**
Question ID : **43357610154**
Option 1 ID : **43357640613**
Option 2 ID : **43357640614**
Option 3 ID : **43357640615**
Option 4 ID : **43357640616**
Status : **Answered**
Chosen Option : **B**

Q.68 In an electrical circuit two resistors 2Ω and 4Ω respectively are connected in series to a 6 V battery. The heat dissipated by the 4Ω resistor in 5 s will be

Ans
✗ A. 5 J
✗ B. 10 J
✓ C. 20 J
✗ D. 30 J

Question Type : **MCQ**
Question ID : **43357610195**
Option 1 ID : **43357640777**
Option 2 ID : **43357640778**
Option 3 ID : **43357640779**
Option 4 ID : **43357640780**
Status : **Answered**
Chosen Option : **C**

Q.69 The energies of electron librated by light depend on the of the light

Ans
✗ A. speed
✓ B. Velocity
✗ C. Frequency
✗ D. Mass

Question Type : **MCQ**
Question ID : **43357610122**
Option 1 ID : **43357640485**
Option 2 ID : **43357640486**
Option 3 ID : **43357640487**
Option 4 ID : **43357640488**
Status : **Answered**
Chosen Option : **B**

Q.70 Two resistors R and 2R are connected in series in an electric circuit. The thermal energy developed in R and 2R are in the ratio.

Ans
- ✔ A. 1:2
- ✘ B. 2:1
- ✘ C. 1:4
- ✘ D. 4:1

Question Type : **MCQ**
Question ID : **43357610208**
Option 1 ID : **43357640829**
Option 2 ID : **43357640830**
Option 3 ID : **43357640831**
Option 4 ID : **43357640832**
Status : **Answered**
Chosen Option : **B**

Q.71 An electric current of 3 A flows through a circuit for 20 minutes. What is the amount of charges flowing?

Ans
- ✘ A. 60 C
- ✘ B. 1 C
- ✔ C. 3600 C
- ✘ D. None of these.

Question Type : **MCQ**
Question ID : **43357610201**
Option 1 ID : **43357640801**
Option 2 ID : **43357640802**
Option 3 ID : **43357640803**
Option 4 ID : **43357640804**
Status : **Answered**
Chosen Option : **C**

Q.72 A copper wire of length 2.2 m and a steel wire of length 1.6 m, both diameter 3.0 mm, are connected end to end. When stretched by a load, the net elongation is found to be 0.70 mm. The value of Applied load is ___

Ans
- ✔ A. 4 x 102 N
- ✘ B. 1.8 N
- ✘ C. 1.8 x 102 N
- ✘ D. None of these

Question Type : **MCQ**
Question ID : **43357610047**
Option 1 ID : **43357640185**
Option 2 ID : **43357640186**
Option 3 ID : **43357640187**
Option 4 ID : **43357640188**
Status : **Answered**
Chosen Option : **C**

Q.73 Sound intensity is directly proportional to ..... of wave amplitude.

Ans
- ✔ A. square
- ✘ B. square root
- ✘ C. cube
- ✘ D. magnitude

Question Type : **MCQ**
Question ID : **43357610174**
Option 1 ID : **43357640693**
Option 2 ID : **43357640694**
Option 3 ID : **43357640695**
Option 4 ID : **43357640696**
Status : **Answered**
Chosen Option : **B**

Q.74 Lenz's law is a consequence of the law of

Ans
- ✔ A. conservation of charge
- ✘ B. conservation of momentum
- ✘ C. consevation of mass
- ✘ D. conservation of energy

Question Type : **MCQ**
Question ID : **43357610094**
Option 1 ID : **43357640373**
Option 2 ID : **43357640374**
Option 3 ID : **43357640375**
Option 4 ID : **43357640376**
Status : **Answered**
Chosen Option : **A**

Q.75 Which of the following is not associated with Fleming's right-hand rule?

Ans
- ✘ A. Magnetic field
- ✘ B. Movement
- ✔ C. Resistance
- ✘ D. Induced current

Question Type : **MCQ**
Question ID : **43357610221**
Option 1 ID : **43357640881**
Option 2 ID : **43357640882**
Option 3 ID : **43357640883**
Option 4 ID : **43357640884**
Status : **Answered**
Chosen Option : **C**

Q.76 The scalar product of two vectors $a = (3\hat{i} - 4\hat{j} + 5\hat{k})$ and $b = (-2\hat{i} + \hat{j} - 3\hat{k})$ is _____

Ans
- ✗ A. $(7\hat{i} - \hat{j} - 5\hat{k})$
- ✗ B. 25
- ✗ C. -25
- ✓ D. None of these

Question Type : **MCQ**
Question ID : **43357610040**
Option 1 ID : **43357640157**
Option 2 ID : **43357640158**
Option 3 ID : **43357640159**
Option 4 ID : **43357640160**
Status : **Answered**
Chosen Option : **C**

Q.77 An electric dipole is placed in a uniform electric field, its potential energy will be minimum when the angle between its axis and field is:

Ans
- ✗ A. 2л
- ✓ B. л /2
- ✗ C. л
- ✗ D. zero

Question Type : **MCQ**
Question ID : **43357610082**
Option 1 ID : **43357640325**
Option 2 ID : **43357640326**
Option 3 ID : **43357640327**
Option 4 ID : **43357640328**
Status : **Answered**
Chosen Option : **B**

Q.78 If the diameter of a capillary tube is doubled, then the height of the liquid that will rise is

Ans
✗ A. Double
✓ B. Half
✗ C. Same as earlier
✗ D. Quarter

Question Type : **MCQ**
Question ID : **43357610166**
Option 1 ID : **43357640661**
Option 2 ID : **43357640662**
Option 3 ID : **43357640663**
Option 4 ID : **43357640664**
Status : **Answered**
Chosen Option : **D**

Q.79 For an amplitude modulated wave, the maximum amplitude is found to be 10 V while the minimum amplitude is found to be 2 V.What is the value of modulation index m?

Ans
✗ A. 1/5
✗ B. 2/3
✓ C. 1
✗ D. 1/2

Question Type : **MCQ**
Question ID : **43357610156**
Option 1 ID : **43357640621**
Option 2 ID : **43357640622**
Option 3 ID : **43357640623**
Option 4 ID : **43357640624**
Status : **Answered**
Chosen Option : **B**

Q.80 Consider the following two statements:
(A) Kirchhoff's junction law follows from conservation of charge.
(B) Kirchhoff's loop law follows from conservative nature of electric field.

Ans
✓ A. Both A and B are correct.
✗ B. A is correct but B is wrong.
✗ C. B is correct but A is wrong.
✗ D. Both A and B are wrong.

Question Type : **MCQ**
Question ID : **43357610210**
Option 1 ID : **43357640837**
Option 2 ID : **43357640838**
Option 3 ID : **43357640839**
Option 4 ID : **43357640840**
Status : **Answered**
Chosen Option : **A**

Q.81 Stokes' Law is used to determine the

Ans
✗ A. Viscosity of a fluid
✓ B. Terminal velocity of a spherical object in a fluid
✗ C. pressure difference across a fluid
✗ D. Buoyant force on an object in a fluid

Question Type : **MCQ**
Question ID : **43357610051**
Option 1 ID : **43357640201**
Option 2 ID : **43357640202**
Option 3 ID : **43357640203**
Option 4 ID : **43357640204**
Status : **Answered**
Chosen Option : **D**

Q.82 Parallel currents _____and anti-parallel current _____.

Ans
✗ A. Repel, attract
✗ B. Attract, Attract
✓ C. Repel , Repel
✗ D. Attract, Repel

Question Type : **MCQ**
Question ID : **43357610081**
Option 1 ID : **43357640321**
Option 2 ID : **43357640322**
Option 3 ID : **43357640323**
Option 4 ID : **43357640324**
Status : **Answered**
Chosen Option : **D**

Q.83 What is the moment of inertia of a disc about one of its diameters?

Ans
✗ A. MR2/2
✗ B. MR2/4
✗ C. 2MR2/5
✓ D. MR2

Question Type : **MCQ**
Question ID : **43357610041**
Option 1 ID : **43357640161**
Option 2 ID : **43357640162**
Option 3 ID : **43357640163**
Option 4 ID : **43357640164**
Status : **Answered**
Chosen Option : **C**

Q.84 Magnetic field lines

Ans
- ✗ A. have one direction at a point
- ✗ B. have no physical reality
- ✗ C. can be used to indicate the direction of the magnetic field of a point
- ✓ D. all of these

Question Type : **MCQ**
Question ID : **43357610216**
Option 1 ID : **43357640861**
Option 2 ID : **43357640862**
Option 3 ID : **43357640863**
Option 4 ID : **43357640864**
Status : **Answered**
Chosen Option : **D**

Q.85 The gyromagnetic ratio for electron spin is

Ans
- ✗ A. 1/2
- ✗ B. 1/3
- ✓ C. 2
- ✗ D. 3

Question Type : **MCQ**
Question ID : **43357610133**
Option 1 ID : **43357640529**
Option 2 ID : **43357640530**
Option 3 ID : **43357640531**
Option 4 ID : **43357640532**
Status : **Answered**
Chosen Option : **B**

Q.86 The resultant of two simple harmonic motion is done according to the superposition principle -

Ans
- ✓ A. y = y1 - y2
- ✗ B. y = y1 + y2
- ✗ C. y = y12 + y22
- ✗ D. y = y12 - y22

Question Type : **MCQ**
Question ID : **43357610072**
Option 1 ID : **43357640285**
Option 2 ID : **43357640286**
Option 3 ID : **43357640287**
Option 4 ID : **43357640288**
Status : **Answered**
Chosen Option : **C**

Q.87 The reflection coefficient in the wave propagation when it is transmitted with the Brewster angle is

Ans
✗ A. 0
✓ B. 1
✗ C. -1
✗ D. infinite

Question Type : **MCQ**
Question ID : **43357610099**
Option 1 ID : **43357640393**
Option 2 ID : **43357640394**
Option 3 ID : **43357640395**
Option 4 ID : **43357640396**
Status : **Answered**
Chosen Option : **C**

Q.88 velocity of plane electro megnetic wave in vacuum is .....

Ans
✗ A. $C = \sqrt{\frac{\mu_0}{\varepsilon_0}}$
✗ B. $\sqrt{\mu_0 \varepsilon_0}$
✗ C. $C = \frac{1}{\sqrt{\mu_0 \varepsilon_0}}$
✓ D. none of these

Question Type : **MCQ**
Question ID : **43357610091**
Option 1 ID : **43357640361**
Option 2 ID : **43357640362**
Option 3 ID : **43357640363**
Option 4 ID : **43357640364**
Status : **Answered**
Chosen Option : **C**

Q.89 Bernoulli's theorem deals with the principles of:

Ans
✔ A. Energy
✘ B. Force
✘ C. Mass
✘ D. Momentum

Question Type : **MCQ**
Question ID : **43357610160**
Option 1 ID : **43357640637**
Option 2 ID : **43357640638**
Option 3 ID : **43357640639**
Option 4 ID : **43357640640**
Status : **Answered**
Chosen Option : **D**

Q.90 A strong magnetic field B is applied to a stationary electron, then the electron will

Ans
✘ A. move in the direction of B
✔ B. move in the opposite direction of B
✘ C. remain stationary
✘ D. move perpendicular to B

Question Type : **MCQ**
Question ID : **43357610090**
Option 1 ID : **43357640357**
Option 2 ID : **43357640358**
Option 3 ID : **43357640359**
Option 4 ID : **43357640360**
Status : **Answered**
Chosen Option : **D**

Q.91 Electric field lines and equipotential lines are-

Ans
✘ A. always orthogonal
✘ B. Orthogonal only when electric field is uniform
✔ C. orhtogonal only when potential does not change
✘ D. None of these

Question Type : **MCQ**
Question ID : **43357610084**
Option 1 ID : **43357640333**
Option 2 ID : **43357640334**
Option 3 ID : **43357640335**
Option 4 ID : **43357640336**
Status : **Answered**
Chosen Option : **A**

Q.92 If radius of a capillary tube is increased by 5%, then the rate of flow of liquid will change nearly by:

Ans
✗ A. +5%
✗ B. -5%
✓ C. +21.55%
✗ D. -20%

Question Type : **MCQ**
Question ID : **43357610161**
Option 1 ID : **43357640641**
Option 2 ID : **43357640642**
Option 3 ID : **43357640643**
Option 4 ID : **43357640644**
Status : **Answered**
Chosen Option : **C**

Q.93 Electromagnetic wave is

Ans
✗ A. Transverse
✗ B. Longitudinal
✗ C. Both longitudinal or transverse
✓ D. None of them

Question Type : **MCQ**
Question ID : **43357610106**
Option 1 ID : **43357640421**
Option 2 ID : **43357640422**
Option 3 ID : **43357640423**
Option 4 ID : **43357640424**
Status : **Answered**
Chosen Option : **C**

Q.94 (i) The maxwell's electromagnetic wave are purely transvers and never longitudinal
(ii) plane electromagnetic waves follow the law of reflection just like light radiations.
Correct option is

Ans
✓ A. only statemet (ii) is correct
✗ B. only statement (ii) is correct
✗ C. statement (i) & (ii) both are correct
✗ D. statement (i) & (ii) both are incorrect

Question Type : **MCQ**
Question ID : **43357610092**
Option 1 ID : **43357640365**
Option 2 ID : **43357640366**
Option 3 ID : **43357640367**
Option 4 ID : **43357640368**
Status : **Answered**
Chosen Option : **B**

Q.95 A Uniform plane square sheet of mass m is centered at the origin of an inertial frame.

The sheet is rotating about an axis passing through the origin. At an instant when all its

Vertices lie on x and y axes, the angular momentum is $\vec{L} = I_0\,\omega_0\,(2\hat{\imath} + \hat{\jmath} + 2\hat{K})$, where

I_0, x is the moment of inertia about the x axis. At this instant, the angular velocity of the sheet is

Ans

✗ A. $(2\hat{\imath} + \hat{\jmath} + 2\hat{k})\omega_0$

✗ B. $(2\hat{\imath} + \hat{\jmath} + \hat{k})\omega_0$

✗ C. $(2\hat{\imath} + \hat{\jmath})\omega_0$

✓ D. $(\hat{\imath} + \hat{\jmath})\omega_0$

Question Type : **MCQ**
Question ID : **43357610035**
Option 1 ID : **43357640137**
Option 2 ID : **43357640138**
Option 3 ID : **43357640139**
Option 4 ID : **43357640140**
Status : **Answered**
Chosen Option : **C**

Q.96 **A rectangular coil of copper wires is rotated in a magnetic field. The direction of induced current changes once in each.**

Ans

✗ A. two revolutions

✗ B. one revolution

✓ C. half revolution

✗ D. one-fourth revolution

Question Type : **MCQ**
Question ID : **43357610229**
Option 1 ID : **43357640913**
Option 2 ID : **43357640914**
Option 3 ID : **43357640915**
Option 4 ID : **43357640916**
Status : **Answered**
Chosen Option : **C**

Q.97 Which of the following are solutions of one - dimensional wave equation ?
(i) y=7x-10t
(ii) y=2sinx cosvt

Ans
✔ A. only (i)
✘ B. only (ii)
✘ C. Both (i) and (ii)
✘ D. Neither (i) nor (ii)

Question Type : **MCQ**
Question ID : **43357610070**
Option 1 ID : **43357640277**
Option 2 ID : **43357640278**
Option 3 ID : **43357640279**
Option 4 ID : **43357640280**
Status : **Answered**
Chosen Option : **C**

Q.98 What is the maximum resistance which can be made using five resistors each of 1/5Ω?

Ans
✘ A. 1/5Ω
✘ B. 10Ω
✘ C. 5Ω
✔ D. 1Ω

Question Type : **MCQ**
Question ID : **43357610194**
Option 1 ID : **43357640773**
Option 2 ID : **43357640774**
Option 3 ID : **43357640775**
Option 4 ID : **43357640776**
Status : **Answered**
Chosen Option : **C**

Q.99 Out of the three bulbs: 25 W, 60 W and 100 W, which bulb has least resistance?

Ans
✘ A. 25 W bulb
✘ B. 60 W bulb
✔ C. 100 W bulb
✘ D. all bulbs have equal resistances

Question Type : **MCQ**
Question ID : **43357610196**
Option 1 ID : **43357640781**
Option 2 ID : **43357640782**
Option 3 ID : **43357640783**
Option 4 ID : **43357640784**
Status : **Answered**
Chosen Option : **C**

Q.100 Bohr radius for Hydrogen is 0.53 Å. The ground state Bohr radius for He^+ ion will be

Ans
✗ A. 1.06Å
✓ B. 0.53Å
✗ C. 0.265Å
✗ D. 0.134Å

Question Type : **MCQ**
Question ID : **43357610131**
Option 1 ID : **43357640521**
Option 2 ID : **43357640522**
Option 3 ID : **43357640523**
Option 4 ID : **43357640524**
Status : **Answered**
Chosen Option : **B**

Section : **Part II**

Q.101 मूल्यांकन का उद्देश्य शैक्षिक..... के बारे में निर्णय लेना है

Ans
✗ A. मात्रा
✓ B. गुणवत्ता
✗ C. समय अवधि
✗ D. आयु

Question Type : **MCQ**
Question ID : **4335764060**
Option 1 ID : **43357616237**
Option 2 ID : **43357616238**
Option 3 ID : **43357616239**
Option 4 ID : **43357616240**
Status : **Answered**
Chosen Option : **B**

Q.102 छात्र-केंद्रित कक्षा _____ के लिए है

Ans
✓ A. व्यक्तिगत मतभेदों को संबोधित करने के लिए
✗ B. शिक्षक-उन्मुख व्याख्यानों को कम करने के लिए
✗ C. पूर्व ज्ञान का स्मरण के लिए
✗ D. पूरी कक्षा को संलग्न करने के लिए

Question Type : **MCQ**
Question ID : **4335763867**
Option 1 ID : **43357615465**
Option 2 ID : **43357615466**
Option 3 ID : **43357615467**
Option 4 ID : **43357615468**
Status : **Answered**
Chosen Option : **C**

Q.103 _____ ने अभिनव परियोजना 'लोक जुंबिश पीपुल्स मूवमेंट फॉर एजुकेशन फॉर ऑल' शुरू की?

Ans
✗ A. बिहार
✗ B. मध्य प्रदेश
✓ C. राजस्थान
✗ D. उत्तर प्रदेश

Question Type : **MCQ**
Question ID : **4335764325**
Option 1 ID : **43357617297**
Option 2 ID : **43357617298**
Option 3 ID : **43357617299**
Option 4 ID : **43357617300**
Status : **Answered**
Chosen Option : **B**

Q.104 मूल्यांकन का मुख्य उद्देश्य बनाना है:

Ans
✗ A. मूल्य निर्धारण
✗ B. राय
✓ C. भविष्यवाणी
✗ D. निर्णय

Question Type : **MCQ**
Question ID : **4335764143**
Option 1 ID : **43357616569**
Option 2 ID : **43357616570**
Option 3 ID : **43357616571**
Option 4 ID : **43357616572**
Status : **Answered**
Chosen Option : **B**

Q.105 निम्नलिखित में से कौन सा सीखने का अर्थ है?

Ans
✗ A. पूर्णता या विशेषज्ञता प्राप्त करना
✗ B. ज्ञान की प्राप्ति
✗ C. आत्मज्ञान
✓ D. व्यवहार में परिवर्तन

Question Type : **MCQ**
Question ID : **4335764000**
Option 1 ID : **43357615997**
Option 2 ID : **43357615998**
Option 3 ID : **43357615999**
Option 4 ID : **43357616000**
Status : **Answered**
Chosen Option : **D**

Q.106 शिक्षण में दृश्य-श्रव्य सहायता का उद्देश्य है

Ans
✗ A. सीखने की प्रक्रिया में रुचि विकसित करना
✗ B. विद्यार्थियों की समझ को बेहतर बनाना
✗ C. छात्रों की अधिक से अधिक भागीदारी को बढ़ावा देना
✓ D. इनमें सभी

Question Type : **MCQ**
Question ID : **4335764013**
Option 1 ID : **43357616049**
Option 2 ID : **43357616050**
Option 3 ID : **43357616051**
Option 4 ID : **43357616052**
Status : **Answered**
Chosen Option : **D**

Q.107 यदि शिक्षक का प्रारंभिक वाक्य दिलचस्प है तो विद्यार्थी होंगे-

Ans
✗ A. अशिष्ट
✓ B. ध्यान देंगे
✗ C. तेवर में
✗ D. इनमे से कोई भी नहीं

Question Type : **MCQ**
Question ID : **4335763838**
Option 1 ID : **43357615349**
Option 2 ID : **43357615350**
Option 3 ID : **43357615351**
Option 4 ID : **43357615352**
Status : **Answered**
Chosen Option : **B**

Q.108 बच्चों का मार्गदर्शन करने के लिए शिक्षक एक महत्वपूर्ण भूमिका निभा सकता है, बशर्ते एक शिक्षक के रूप में उसका दृष्टिकोण सही हो.....के प्रति

Ans
✗ A. उनके सहकर्मी
✓ B. उसके शिष्य
✗ C. समाज
✗ D. स्कूल

Question Type : **MCQ**
Question ID : **4335763967**
Option 1 ID : **43357615865**
Option 2 ID : **43357615866**
Option 3 ID : **43357615867**
Option 4 ID : **43357615868**
Status : **Answered**
Chosen Option : **B**

Q.109 चिंतनशील स्तर पर शिक्षण की विधि है

Ans
✗ A. शिक्षक केन्द्रित
✓ B. शिक्षार्थी केन्द्रित
✗ C. समस्या-समाधान केन्द्रित
✗ D. विषय केन्द्रित

Question Type : **MCQ**
Question ID : **4335763407**
Option 1 ID : **43357613625**
Option 2 ID : **43357613626**
Option 3 ID : **43357613627**
Option 4 ID : **43357613628**
Status : **Answered**
Chosen Option : **C**

Q.110 निम्नलिखित में से कौन सा अभिप्रेरित पाठ की विशेषता दर्शाता है?

Ans
✗ A. कक्षा छोड़ दी गई है
✗ B. शिक्षक कुछ गतिविधियों में भाग लेने के लिए विद्यार्थियों को छोड़ सकते हैं
✓ C. यहां विद्यार्थियों द्वारा की जाने वाली विभिन्न प्रक्रियाएं और गतिविधियां दी गई हैं
✗ D. बच्चों को कुछ करना है

Question Type : **MCQ**
Question ID : **4335763826**
Option 1 ID : **43357615301**
Option 2 ID : **43357615302**
Option 3 ID : **43357615303**
Option 4 ID : **43357615304**
Status : **Answered**
Chosen Option : **C**

Q.111 प्रोजेक्ट आधारित शिक्षण में निम्नलिखित में से कौन सा सत्य है?

Ans
✓ A. शिक्षक पर भार बहुत अधिक है
✗ B. शिक्षक पर भार बहुत कम है
✗ C. शिक्षक पर भार मध्यम है,
✗ D. कोई भार नहीं है

Question Type : **MCQ**
Question ID : **4335764029**
Option 1 ID : **43357616113**
Option 2 ID : **43357616114**
Option 3 ID : **43357616115**
Option 4 ID : **43357616116**
Status : **Answered**
Chosen Option : **B**

Q.112 Knowledge of internet

Ans
✗ A. is harmful for the students
✓ B. is beneficial for the students
✗ C. makes students dependable and they lose their own ability
✗ D. is not at all beneficial for the students

Question Type : **MCQ**
Question ID : **4335764031**
Option 1 ID : **43357616121**
Option 2 ID : **43357616122**
Option 3 ID : **43357616123**
Option 4 ID : **43357616124**
Status : **Answered**
Chosen Option : **B**

Q.113 प्रकरण (टॉपिक) का चयन करने के बाद शिक्षक को चाहिए कि

Ans
✗ A. थोड़ी देर आराम करें
✓ B. पाठ की योजना बनाएँ
✗ C. छात्र के मूल्यांकन पर ध्यान दें
✗ D. छात्रों को जानकारी पहुंचाएँ

Question Type : **MCQ**
Question ID : **4335763418**
Option 1 ID : **43357613669**
Option 2 ID : **43357613670**
Option 3 ID : **43357613671**
Option 4 ID : **43357613672**
Status : **Answered**
Chosen Option : **B**

Q.114 Which of the following is not considered approach in teaching tearing process?

Ans
✗ A. Conceptual
✗ B. Integrated
✓ C. Autocratic
✗ D. Process

Question Type : **MCQ**
Question ID : **4335763593**
Option 1 ID : **43357614369**
Option 2 ID : **43357614370**
Option 3 ID : **43357614371**
Option 4 ID : **43357614372**
Status : **Answered**
Chosen Option : **C**

Q.115 The right sequence of sub-groups of psychomotor domain is

Ans
✔ A. Perception, Set, Guided response, Mechanism, Complex overt response, adaptation, Origination

✘ B. Perception, Complex overt response, Set, Guided response, Mechanism, adaptation, Organization

✘ C. Set, Origination, Guided response, Mechanism Complex overt response, Adaptation, perception

✘ D. Guided response, Mechanism, perception, Set, Adaptation, Organization, Complex overt response

Question Type : **MCQ**
Question ID : **4335763557**
Option 1 ID : **43357614225**
Option 2 ID : **43357614226**
Option 3 ID : **43357614227**
Option 4 ID : **43357614228**
Status : **Answered**
Chosen Option : **C**

Q.116 **पाठ्यचर्या है:**

Ans
✘ A. कोर्स

✘ B. पाठ्यक्रम

✘ C. पाठ्य-सहगामी गतिविधियाँ

✔ D. किसी संस्था की समग्र गतिविधियाँ

Question Type : **MCQ**
Question ID : **4335764185**
Option 1 ID : **43357616737**
Option 2 ID : **43357616738**
Option 3 ID : **43357616739**
Option 4 ID : **43357616740**
Status : **Answered**
Chosen Option : **C**

Q.117 **पर्यवेक्षण प्राथमिक रूप से होना चाहिए**

Ans
✘ A. निजी और आलोचनात्मक

✘ B. निवारक एवं सुधारात्मक

✔ C. रचनात्मक और सृजनात्मक

✘ D. निर्माण और आलोचनात्मक

Question Type : **MCQ**
Question ID : **4335763878**
Option 1 ID : **43357615509**
Option 2 ID : **43357615510**
Option 3 ID : **43357615511**
Option 4 ID : **43357615512**
Status : **Answered**
Chosen Option : **B**

Q.118 सूक्ष्म शिक्षण का उद्देश्य है---

Ans
✗ A. अनुरूपित स्थितियाँ बनाने के लिए
✗ B. शैक्षणिक संस्थानों को मजबूत करना
✗ C. छात्र के व्यवहार को परिवर्त्तित करना
✓ D. शिक्षक के व्यवहार को परिवर्त्तित करना

Question Type : **MCQ**
Question ID : **4335763750**
Option 1 ID : **43357614997**
Option 2 ID : **43357614998**
Option 3 ID : **43357614999**
Option 4 ID : **43357615000**
Status : **Answered**
Chosen Option : **A**

Q.119 शिक्षण रणनीति की अनुमोदक शैली में,

Ans
✗ A. केवल शिक्षक ही शिक्षण में सक्रिय रहते हैं
✗ B. केवल छात्र ही शिक्षण में सक्रिय रहते हैं
✓ C. दोनों [ए] और [बी]
✗ D. उपरोक्त में से कोई नहीं

Question Type : **MCQ**
Question ID : **4335763590**
Option 1 ID : **43357614357**
Option 2 ID : **43357614358**
Option 3 ID : **43357614359**
Option 4 ID : **43357614360**
Status : **Answered**
Chosen Option : **C**

Q.120 संज्ञानात्मक क्षेत्र में सीखने का निम्नतम स्तर है

Ans
✗ A. बोध
✗ B. अनुप्रयोग
✓ C. ज्ञान
✗ D. संश्लेषण

Question Type : **MCQ**
Question ID : **4335763531**
Option 1 ID : **43357614121**
Option 2 ID : **43357614122**
Option 3 ID : **43357614123**
Option 4 ID : **43357614124**
Status : **Answered**
Chosen Option : **B**

Q.121 सीखना हो सकता है:

Ans
✗ A. औपचारिक
✗ B. अनौपचारिक
✓ C. औपचारिक और अनौपचारिक
✗ D. इनमें से कोई नहीं

Question Type : MCQ
Question ID : 4335764242
Option 1 ID : 43357616965
Option 2 ID : 43357616966
Option 3 ID : 43357616967
Option 4 ID : 43357616968
Status : Answered
Chosen Option : C

Q.122 निम्नलिखित में से कौन से सीखने से संबंधित कारक हैं जो सीखने को प्रभावित करते हैं?
(i). आकांक्षा और उपलब्धि के लिए शिक्षार्थी की प्रेरणा का स्तर
(ii). शिक्षार्थी की तत्परता और इच्छा शक्ति
(iii). शिक्षार्थी की बुनियादी योग्यता
(iv). शिक्षार्थी का शारीरिक और मानसिक स्वास्थ्य
(v). शिक्षक का व्यक्तित्व लक्षण एवं व्यवहार

Ans
✗ A. (i), (ii), (v) केवल
✓ B. (i), (ii), (iii) और (iv) केवल
✗ C. केवल (iii) और (v)
✗ D. केवल (iii), (iv) और (v)

Question Type : MCQ
Question ID : 4335764338
Option 1 ID : 43357617349
Option 2 ID : 43357617350
Option 3 ID : 43357617351
Option 4 ID : 43357617352
Status : Answered
Chosen Option : B

Q.123 इनमें से कौन सा रचनात्मक मूल्यांकन का लाभ है?

Ans
✗ A. छात्रों के प्रदर्शन का एक व्यापक दृष्टिकोण प्रदान करता है
✓ B. निर्देशात्मक निर्णयों और हस्तक्षेपों का मार्गदर्शन करता है
✗ C. छात्रों के बीच तुलना के लिए अनुमति देता है
✗ D. ज्ञान के दीर्घकालिक प्रतिधारण को मापता है

Question Type : **MCQ**
Question ID : **4335764125**
Option 1 ID : **43357616497**
Option 2 ID : **43357616498**
Option 3 ID : **43357616499**
Option 4 ID : **43357616500**
Status : **Answered**
Chosen Option : **A**

Q.124 अन्वेषात्मक (ह्यूरिस्टिक) का अर्थ है-

Ans
✓ A. जांच करना
✗ B. दिखाना
✗ C. करना
✗ D. कार्य करना

Question Type : **MCQ**
Question ID : **4335763652**
Option 1 ID : **43357614605**
Option 2 ID : **43357614606**
Option 3 ID : **43357614607**
Option 4 ID : **43357614608**
Status : **Answered**
Chosen Option : **A**

Q.125 If a student does a visual presentation on an updated version or angle connected to a topic, he or she is

Ans
✗ A. Comprehending
✗ B. Applying
✓ C. Synthesizing
✗ D. Analyzing

Question Type : **MCQ**
Question ID : **4335763504**
Option 1 ID : **43357614013**
Option 2 ID : **43357614014**
Option 3 ID : **43357614015**
Option 4 ID : **43357614016**
Status : **Answered**
Chosen Option : **B**

Q.126 भारत में सूक्ष्म शिक्षण मॉडल पर शोध कार्य प्रारम्भ करने का श्रेय जाता है -

Ans
✗ A. उच्च शिक्षा संस्थान (आईएएसई) अजमेर
✓ B. उच्च शिक्षा संस्थान (आईएएसई) बड़ौदा
✗ C. उच्च शिक्षा संस्थान (आईएएसई) शिमला
✗ D. उच्च शिक्षा संस्थान (आईएएसई) पुणे

Question Type : **MCQ**
Question ID : **4335763771**
Option 1 ID : **43357615081**
Option 2 ID : **43357615082**
Option 3 ID : **43357615083**
Option 4 ID : **43357615084**
Status : **Answered**
Chosen Option : **A**

Q.127 गतिविधि में शामिल है

Ans
✗ A. शारीरिक क्रिया
✗ B. सामाजिक क्रिया
✗ C. मानसिक क्रिया
✓ D. शारीरिक, सामाजिक और मानसिक क्रिया

Question Type : **MCQ**
Question ID : **4335763656**
Option 1 ID : **43357614621**
Option 2 ID : **43357614622**
Option 3 ID : **43357614623**
Option 4 ID : **43357614624**
Status : **Answered**
Chosen Option : **D**

Q.128 इनमें से कौन सा कथन एक प्रभावी शिक्षक के बारे में सत्य है?

Ans
✗ A. उसे पक्षपाती होना चाहिए और अपने व्यक्तिगत विचारों के अनुसार शिक्षार्थियों को प्रभावित करने का प्रयास करना चाहिए
✗ B. उसकी शिक्षा तब पूरी होती है जब उसे पढ़ाने के लिए प्रमाणित किया जाता है
✗ C. उसे शिक्षार्थी की रुचियों, क्षमताओं और सीमाओं को ध्यान में नहीं रखना चाहिए
✓ D. उसे मानव विकासात्मक पैटर्न को समझना चाहिए

Question Type : **MCQ**
Question ID : **4335763399**
Option 1 ID : **43357613593**
Option 2 ID : **43357613594**
Option 3 ID : **43357613595**
Option 4 ID : **43357613596**
Status : **Answered**
Chosen Option : **D**

Q.129 Curriculum effectiveness is determined by:

Ans
✗ A. Community cooperation
✗ B. Teachers' competence
✓ C. Students' interest
✗ D. Quality of supervision

Question Type : **MCQ**
Question ID : **4335764229**
Option 1 ID : **43357616913**
Option 2 ID : **43357616914**
Option 3 ID : **43357616915**
Option 4 ID : **43357616916**
Status : **Answered**
Chosen Option : **C**

Q.130 सूक्ष्म शिक्षण के भारतीय मॉडल की विशेषता यह नहीं है -

Ans
✗ A. सूक्ष्म पाठ के पूरा होने के तुरंत बाद साथी छात्रों द्वारा अध्यापक शिक्षक को प्रतिपुष्टि दिया जाता है।
✓ B. सूक्ष्म शिक्षण प्रक्रिया के दौरान ऑडियो कैसेट और वीडियो फिल्मों का उपयोग किया जाता है।
✗ C. सूक्ष्म शिक्षण प्रक्रिया में सिम्युलेटेड कक्षा का उपयोग किया जाता है।
✗ D. सूक्ष्म शिक्षण के दौरान विद्यार्थी अध्यापक, अध्यापक, विद्यार्थी एवं पर्यवेक्षक की भूमिका निभाता है।

Question Type : **MCQ**
Question ID : **4335763773**
Option 1 ID : **43357615089**
Option 2 ID : **43357615090**
Option 3 ID : **43357615091**
Option 4 ID : **43357615092**
Status : **Answered**
Chosen Option : **C**

Section : **Part III**

Q.131 निम्नलिखित में से कौन सा बस्तर क्षेत्र में स्थित है?

Ans
✗ A. बांधवगढ़ राष्ट्रीय उद्यान
✗ B. दांदेली अभयारण्य
✗ C. राजाजी राष्ट्रीय उद्यान
✓ D. इंद्रावती राष्ट्रीय उद्यान

Question Type : **MCQ**
Question ID : **4335764626**
Option 1 ID : **43357618501**
Option 2 ID : **43357618502**
Option 3 ID : **43357618503**
Option 4 ID : **43357618504**
Status : **Answered**
Chosen Option : **D**

Q.132 If we rotate a right angled triangle of height 5 cm and base 3 cm about its height a full turn, we get.....

Ans
✗ A. cone of height 5 cm, base diameter 3 cm
✗ B. triangle of height 5 cm, base diameter 3 cm
✓ C. cone of height 5 cm, base diameter 6 cm
✗ D. triangle of height 5 cm, base diameter 6 cm

Question Type : **MCQ**
Question ID : **4335764673**
Option 1 ID : **43357618689**
Option 2 ID : **43357618690**
Option 3 ID : **43357618691**
Option 4 ID : **43357618692**
Status : **Answered**
Chosen Option : **C**

Q.133 Five person are sitting in a row facing you in such a way that D is to the left of C and B is to the right of E, A is to the right of C and B is to the left of D, E is at one end of the row.Then who is sitting exactely in the middle of the row ?

Ans
✗ A. A
✗ B. B
✗ C. C
✓ D. D

Question Type : **MCQ**
Question ID : **4335764940**
Option 1 ID : **43357619757**
Option 2 ID : **43357619758**
Option 3 ID : **43357619759**
Option 4 ID : **43357619760**
Status : **Answered**
Chosen Option : **D**

Q.134 यह मिट्टी में मौजूद सूक्ष्म पोषक तत्व नहीं है-------

Ans
✗ A. लोहा
✗ B. मैंगनीज
✗ C. क्लोरीन
✓ D. नाइट्रोजन

Question Type : **MCQ**
Question ID : **4335764577**
Option 1 ID : **43357618305**
Option 2 ID : **43357618306**
Option 3 ID : **43357618307**
Option 4 ID : **43357618308**
Status : **Answered**
Chosen Option : **C**

Q.135 निम्नलिखित पर विचार करें:
1. पाइरोक्लास्टिक मलबा
2. राख और धूल
3. नाइट्रोजन यौगिक
4. सल्फर यौगिक
उपर्युक्त में से कितने ज्वालामुखी विस्फोट के उत्पाद हैं?

Ans
✗ A. केवल एक
✗ B. केवल दो
✗ C. केवल तीन
✓ D. सभी चार

Question Type : **MCQ**
Question ID : **4335764389**
Option 1 ID : **43357617553**
Option 2 ID : **43357617554**
Option 3 ID : **43357617555**
Option 4 ID : **43357617556**
Status : **Answered**
Chosen Option : **D**

Q.136 In the given letter series what letter will come in place of the question Symbol.

KPL, ISH, GVD, ?

Ans
✓ A. EYZ
✗ B. FXZ
✗ C. ZYW
✗ D. EXZ

Question Type : **MCQ**
Question ID : **4335764869**
Option 1 ID : **43357619473**
Option 2 ID : **43357619474**
Option 3 ID : **43357619475**
Option 4 ID : **43357619476**
Status : **Answered**
Chosen Option : **A**

Q.137 If Three Cubes of Metal of edges 6 cm, 8 cm, and 10 cm are melted and made into a single cube. What is the edge of the new cube so formed?

Ans
✗ A. 92 cm
✗ B. 24 cm
✗ C. 18 cm
✓ D. 12 cm

Question Type : **MCQ**
Question ID : **4335764736**
Option 1 ID : **43357618941**
Option 2 ID : **43357618942**
Option 3 ID : **43357618943**
Option 4 ID : **43357618944**
Status : **Answered**
Chosen Option : **D**

Q.138 'बे ऑफ पिग्स' शीतयुद्ध के दौरान किस संकट से सम्बन्धित है?

Ans
✓ A. क्यूबन मिसाइल
✗ B. हंगरी
✗ C. कोरिया
✗ D. स्वेज़ नहर

Question Type : **MCQ**
Question ID : **4335764482**
Option 1 ID : **43357617925**
Option 2 ID : **43357617926**
Option 3 ID : **43357617927**
Option 4 ID : **43357617928**
Status : **Answered**
Chosen Option : **A**

Q.139 गोपाल ने गोविदा की ओर इशारा करते हुए कहा इसका पिता मेरे पिता मेरे पिता का इकलौता पुत्र है। गोपाल से गोविदा का क्या सम्बन्ध है?

Ans
✗ A. भाई
✓ B. पुत्र
✗ C. दादा
✗ D. पोता

Question Type : **MCQ**
Question ID : **4335764886**
Option 1 ID : **43357619541**
Option 2 ID : **43357619542**
Option 3 ID : **43357619543**
Option 4 ID : **43357619544**
Status : **Answered**
Chosen Option : **B**

Q.140 _____ is the energy that is present in object due to its motion or position.

Ans
✔ A. mechanical energy
✘ B. light energy
✘ C. heat energy
✘ D. none of these

Question Type : **MCQ**
Question ID : **4335764544**
Option 1 ID : **43357618173**
Option 2 ID : **43357618174**
Option 3 ID : **43357618175**
Option 4 ID : **43357618176**
Status : **Answered**
Chosen Option : **A**

Q.141 Choose the correct option instead of the question mark in the given question.

BEAR : DCCP :: MART : ?

Ans
✘ A. NCTV
✘ B. OCTV
✘ C. OYTV
✔ D. OYTR

Question Type : **MCQ**
Question ID : **4335764843**
Option 1 ID : **43357619369**
Option 2 ID : **43357619370**
Option 3 ID : **43357619371**
Option 4 ID : **43357619372**
Status : **Answered**
Chosen Option : **D**

Q.142 **भारतीय स्वतंत्रता अधिनियम, 1947 के बारे में निम्नलिखित में से कौन-सा कथन सही नहीं है?**

Ans
✘ A. भारतीय स्वतंत्रता अधिनियम के लिए विधेयक 4 जुलाई को संसद में पुर: स्थापित किया गया और इसे 18 जुलाई 1947 को शाही स्वीकृति (रॉयल एसेंट) प्राप्त हुई।
✔ B. 1947 के अधिनियम ने भारतीय संविधान का मूलभूत ढाँचा निर्धारित किया।
✘ C. इस अधिनियम में भारत और पाकिस्तान के रूप में दो स्वतंत्र डोमिनियन स्थापित करने के लिए उपबंधित किया गया था।
✘ D. इस अधिनियम ने प्रत्येक डोमिनियन की संविधान सभा को कोई भी संविधान बनाने और उसे अंगीकार करने की असीमित शक्ति प्रदान की।

Question Type : **MCQ**
Question ID : **4335764445**
Option 1 ID : **43357617777**
Option 2 ID : **43357617778**
Option 3 ID : **43357617779**
Option 4 ID : **43357617780**
Status : **Answered**
Chosen Option : **D**

Q.143 Just how many people were with Gandhiji at the beginning of the Salt Satyagraha?

Ans
✗ A. 72 people
✓ B. 78 people
✗ C. 75 people
✗ D. 82 people

Question Type : **MCQ**
Question ID : **4335764354**
Option 1 ID : **43357617413**
Option 2 ID : **43357617414**
Option 3 ID : **43357617415**
Option 4 ID : **43357617416**
Status : **Answered**
Chosen Option : **D**

Q.144 वस्तु का मूल्य 15500 रुपए है और इसकी मरम्मत पर 500 रुपए खर्च हुए। यदि इसे 15 प्रतिशत लाभ पर बेचा जाता है। वस्तु का विक्रय मूल्य है:

Ans
✗ A. 16400 रु
✗ B. 17400 रु
✓ C. 18400 रु
✗ D. 19400 रु

Question Type : **MCQ**
Question ID : **4335764760**
Option 1 ID : **43357619037**
Option 2 ID : **43357619038**
Option 3 ID : **43357619039**
Option 4 ID : **43357619040**
Status : **Answered**
Chosen Option : **C**

Q.145 Given below is a data set of temperatures (in °C)
-6 , -8 , -2 , 3, 2 , 0 , 5, 4 ,8
What is the range of the data ?

Ans
✗ A. 0 °C
✓ B. 16°C
✗ C. 18°C
✗ D. 10°C

Question Type : **MCQ**
Question ID : **4335764803**
Option 1 ID : **43357619209**
Option 2 ID : **43357619210**
Option 3 ID : **43357619211**
Option 4 ID : **43357619212**
Status : **Answered**
Chosen Option : **B**

Q.146 A group of 1200 persons consisting of boys and girls is travelling in a Bus. For every 15 boys there is one girl. The number of girls in the group is ?

Ans
✗ A. 60
✗ B. 65
✗ C. 70
✓ D. 75

Question Type : **MCQ**
Question ID : **4335764971**
Option 1 ID : **43357619881**
Option 2 ID : **43357619882**
Option 3 ID : **43357619883**
Option 4 ID : **43357619884**
Status : **Answered**
Chosen Option : **D**

Q.147 भारत में 1950 के दशक में योजना आयोग की स्थापना का उद्देश्य निम्नलिखित में से कौन सा था?
1. उत्पादन बढ़ाना और सभी को रोजगार के अवसर प्रदान करना
2. देश के सभी संसाधनों का आकलन करना

Ans
✗ A. केवल 1
✗ B. केवल 2
✓ C. 1 और 2 दोनों
✗ D. न तो 1 और न ही 2

Question Type : **MCQ**
Question ID : **4335764432**
Option 1 ID : **43357617725**
Option 2 ID : **43357617726**
Option 3 ID : **43357617727**
Option 4 ID : **43357617728**
Status : **Answered**
Chosen Option : **C**

Q.148 निम्नलिखित में से कौन सा रसायन ओजोन परत के क्षरण के लिए जिम्मेदार है?

Ans
✗ A. मेथनॉल
✗ B. बायोपॉलिमर
✗ C. पॉलीविनाइल क्लोराइड
✓ D. क्लोरोफ्लोरोकार्बन

Question Type : **MCQ**
Question ID : **4335764645**
Option 1 ID : **43357618577**
Option 2 ID : **43357618578**
Option 3 ID : **43357618579**
Option 4 ID : **43357618580**
Status : **Answered**
Chosen Option : **D**

Q.149 रमेश को नवंबर में हर तीसरे दिन छुट्टी मिलती है। गुरु दयाल को नवंबर में हर पांचवें दिन छुट्टी मिलती है। किस तारीख को पहली बार मिस्टर रमेश और गुरु दयाल को एक साथ छुट्टी मिली ताकि वे बाहर घूम सकें?

Ans
✗ A. 9 नवंबर
✗ B. 20 नवंबर
✓ C. 15 नवंबर
✗ D. 30 नवंबर

Question Type : **MCQ**
Question ID : **4335764703**
Option 1 ID : **43357618809**
Option 2 ID : **43357618810**
Option 3 ID : **43357618811**
Option 4 ID : **43357618812**
Status : **Answered**
Chosen Option : **C**

Q.150 वह प्रणाली जो रक्त संबंध आत्मीयता पर आधारित होती है, कहलाती है

Ans
✗ A. परिवार
✗ B. गोत्र
✓ C. रिश्तेदारी
✗ D. संयुक्त परिवार

Question Type : **MCQ**
Question ID : **4335764502**
Option 1 ID : **43357618005**
Option 2 ID : **43357618006**
Option 3 ID : **43357618007**
Option 4 ID : **43357618008**
Status : **Answered**
Chosen Option : **B**