

BSTET
(Class 9-10)

Previous Year Paper
(Science)
14 Oct, 2025 Shift 2



बिहार विद्यालय परीक्षा समिति
BIHAR SCHOOL EXAMINATION BOARD

Exam Name	STET Exam 2025
Paper	Paper I
Roll No	
Participant Name	
Test Center Name	
Test Date	14/10/2025
Test Time	2:00 PM - 4:30 PM

Section : Part I Science(111)

Q.1 What type of chemical reactions take place when electricity is passed through water ?

- Ans ☒ A. Displacement
☒ B. Decomposition
☒ C. combination
☒ D. Double displacement

Question Type : MCQ
Question ID : 4335762908
Option 1 ID : 43357611629
Option 2 ID : 43357611630
Option 3 ID : 43357611631
Option 4 ID : 43357611632
Status : Answered
Chosen Option : B

Q.2 Who gave the "law of octaves"?

- Ans ☒ A. Mendeleev
☒ B. Newland
☒ C. Dobereiner
☒ D. Moseley

Question Type : MCQ
Question ID : 4335763159
Option 1 ID : 43357612633
Option 2 ID : 43357612634
Option 3 ID : 43357612635
Option 4 ID : 43357612636
Status : Answered
Chosen Option : B

of a solid that undergoes

- Ans ☒ A. Solidification
- ☒ B. sublimation
- ☒ C. Solidification and sublimation
- ☒ D. None of the above

Question Type : MCQ
Question ID : 4335763018
Option 1 ID : 43357612069
Option 2 ID : 43357612070
Option 3 ID : 43357612071
Option 4 ID : 43357612072
Status : Answered
Chosen Option : B

Q.4 The smallest endocrine gland is

- Ans ☒ A. Pineal gland
- ☒ B. Adrenal
- ☒ C. Thyroid
- ☒ D. Pituitary

Question Type : MCQ
Question ID : 4335763269
Option 1 ID : 43357613073
Option 2 ID : 43357613074
Option 3 ID : 43357613075
Option 4 ID : 43357613076
Status : Answered
Chosen Option : A

Q.5 Transpiration in the leaves of trees is an example:

- Ans ☒ A. sublimation
- ☒ B. condensation
- ☒ C. diffusion
- ☒ D. evaporation

Question Type : MCQ
Question ID : 4335763180
Option 1 ID : 43357612717
Option 2 ID : 43357612718
Option 3 ID : 43357612719
Option 4 ID : 43357612720
Status : Answered
Chosen Option : D

pathogens causes leprocy in humans ?

- Ans ☒ A. Saimonella
- ☒ B. Mycobacterium
- ☒ C. TMV
- ☒ D. Monocystis

Question Type : MCQ
Question ID : 4335762937
Option 1 ID : 43357611745
Option 2 ID : 43357611746
Option 3 ID : 43357611747
Option 4 ID : 43357611748
Status : Answered
Chosen Option : B

Q.7 The qualities of eka-Aluminium Predicted by Mendeleev are the same as the Properties of the element Aluminium, which was discovered later.

- Ans ☒ A. Scandium
- ☒ B. Germanium
- ☒ C. Gallium
- ☒ D. Zinc

Question Type : MCQ
Question ID : 4335763054
Option 1 ID : 43357612213
Option 2 ID : 43357612214
Option 3 ID : 43357612215
Option 4 ID : 43357612216
Status : Answered
Chosen Option : C

Q.8 What is the absorptivity of the gray body?

- Ans ☒ A. Below unity
- ☒ B. unit
- ☒ C. 2
- ☒ D. 2.5

Question Type : MCQ
Question ID : 4335763016
Option 1 ID : 43357612061
Option 2 ID : 43357612062
Option 3 ID : 43357612063
Option 4 ID : 43357612064
Status : Answered
Chosen Option : A

ms which act as a unit, exhibit a valency and maintain their independent identity during a chemical reaction -

- Ans ☒ A. Molecule
☒ B. Compound
☒ C. Radical
☒ D. Mixture

Question Type : **MCQ**
Question ID : **4335763201**
Option 1 ID : **43357612801**
Option 2 ID : **43357612802**
Option 3 ID : **43357612803**
Option 4 ID : **43357612804**
Status : **Answered**
Chosen Option : **A**

Q.10 Which among the following is not a semi-synthetic polymer ?

- Ans ☒ A. Terylene
☒ B. Viscose-rayon
☒ C. Cupra-ammonium silk
☒ D. Acetate rayon

Question Type : **MCQ**
Question ID : **4335762944**
Option 1 ID : **43357611773**
Option 2 ID : **43357611774**
Option 3 ID : **43357611775**
Option 4 ID : **43357611776**
Status : **Answered**
Chosen Option : **A**

Q.11 Which of the following blood vessels contains only deoxygenated blood?

- Ans ☒ A. Pulmonary vein
☒ B. Pulmonary artery
☒ C. Capillaries
☒ D. Aorta

Question Type : **MCQ**
Question ID : **4335763035**
Option 1 ID : **43357612137**
Option 2 ID : **43357612138**
Option 3 ID : **43357612139**
Option 4 ID : **43357612140**
Status : **Answered**
Chosen Option : **B**

statements regarding rusting of iron are true?

- (a) It involves a chemical reaction between iron and oxygen.
- (b) It is an exothermic reaction.
- (c) It can take place at room temperature.
- (d) It is reversible reaction.

Ans ☒ A. (b) and (c)
☒ B. (a) and (d)
☒ C. (a),(b) and (c)
☒ D. (a), (b) , (d)

Question Type : MCQ
Question ID : 4335763361
Option 1 ID : 43357613441
Option 2 ID : 43357613442
Option 3 ID : 43357613443
Option 4 ID : 43357613444
Status : Answered
Chosen Option : C

Q.13 Ribosomes are formed in....

Ans ☒ A. Nucleolus
☒ B. Golgi bodies
☒ C. Cytoplasm
☒ D. Plasma membrane

Question Type : MCQ
Question ID : 4335763243
Option 1 ID : 43357612969
Option 2 ID : 43357612970
Option 3 ID : 43357612971
Option 4 ID : 43357612972
Status : Answered
Chosen Option : C

Q.14 What is the process of transfer of charges from a charged object to the earth called?

Ans ☒ A. Charging
☒ B. Grounding
☒ C. Earthing
☒ D. Discharging

Question Type : MCQ
Question ID : 4335763124
Option 1 ID : 43357612493
Option 2 ID : 43357612494
Option 3 ID : 43357612495
Option 4 ID : 43357612496
Status : Answered
Chosen Option : C

From one corner of a hall to the diagonally opposite corner. If the dimensions of the floor of hall are 8m×6m, the displacement of the ant is?

- Ans ☒ A. 14m
☒ B. 28m
☒ C. 24m
☒ D. 10m

Question Type : MCQ
Question ID : 4335763288
Option 1 ID : 43357613149
Option 2 ID : 43357613150
Option 3 ID : 43357613151
Option 4 ID : 43357613152
Status : Answered
Chosen Option : D

Q.16 Varicella virus causes.

- Ans ☒ A. Chicken pox
☒ B. Dengue
☒ C. Malaria
☒ D. Rabies

Question Type : MCQ
Question ID : 4335763251
Option 1 ID : 43357613001
Option 2 ID : 43357613002
Option 3 ID : 43357613003
Option 4 ID : 43357613004
Status : Answered
Chosen Option : D

Q.17 The heat released at the time of condensation is called as-

- Ans ☒ A. Humidity
☒ B. Latent heat
☒ C. Evaporation
☒ D. Sublimation

Question Type : MCQ
Question ID : 4335763023
Option 1 ID : 43357612089
Option 2 ID : 43357612090
Option 3 ID : 43357612091
Option 4 ID : 43357612092
Status : Answered
Chosen Option : A

or what ?

- Ans ☒ A. Tidal energy
- ☒ B. Solar energy
- ☒ C. Nuclear energy
- ☒ D. Thermal energy

Question Type : **MCQ**
Question ID : **4335763329**
Option 1 ID : **43357613313**
Option 2 ID : **43357613314**
Option 3 ID : **43357613315**
Option 4 ID : **43357613316**
Status : **Answered**
Chosen Option : **C**

Q.19 If a diagonal line is drawn in Mendeleev's periodic table from left to bottom right the element below the diagonal will be :-

- Ans ☒ A. Metals
- ☒ B. Non-metals
- ☒ C. Metalloid
- ☒ D. Transition metals.

Question Type : **MCQ**
Question ID : **4335762913**
Option 1 ID : **43357611649**
Option 2 ID : **43357611650**
Option 3 ID : **43357611651**
Option 4 ID : **43357611652**
Status : **Answered**
Chosen Option : **C**

Q.20 Which ecological Pyramid is always upright?

- Ans ☒ A. Pyramid of biomass
- ☒ B. Pyramid of number
- ☒ C. Pyramid of energy
- ☒ D. Pyramid of Carbon

Question Type : **MCQ**
Question ID : **4335762981**
Option 1 ID : **43357611921**
Option 2 ID : **43357611922**
Option 3 ID : **43357611923**
Option 4 ID : **43357611924**
Status : **Answered**
Chosen Option : **A**

es unicellular organisms with a prokaryotic cell structure?

- Ans ☒ A. Plantae
- ☒ B. Animalia
- ☒ C. Monera
- ☒ D. Fungi

Question Type : MCQ
Question ID : 4335763093
Option 1 ID : 43357612369
Option 2 ID : 43357612370
Option 3 ID : 43357612371
Option 4 ID : 43357612372
Status : Answered
Chosen Option : C

Q.22 Most Heat sensitive vitamin in milk is?

- Ans ☒ A. Vitamin A
- ☒ B. Vitamin B
- ☒ C. Vitamin C
- ☒ D. Vitamin D

Question Type : MCQ
Question ID : 4335763129
Option 1 ID : 43357612513
Option 2 ID : 43357612514
Option 3 ID : 43357612515
Option 4 ID : 43357612516
Status : Answered
Chosen Option : D

Q.23 The rate of evaporation of a liquid decreases with an increases in

- Ans ☒ A. surface area
- ☒ B. temperature
- ☒ C. humidity
- ☒ D. wind speed

Question Type : MCQ
Question ID : 4335763117
Option 1 ID : 43357612465
Option 2 ID : 43357612466
Option 3 ID : 43357612467
Option 4 ID : 43357612468
Status : Answered
Chosen Option : C

the pressure inside them at a given depth is the highest in -----
at a constant temperature.

- Ans ☒ A. Fresh Water
☒ B. Alcohol
☒ C. Petrol
☒ D. Sea Water

Question Type : MCQ
Question ID : 4335763315
Option 1 ID : 43357613257
Option 2 ID : 43357613258
Option 3 ID : 43357613259
Option 4 ID : 43357613260
Status : Answered
Chosen Option : C

Q.25 The resistance of a conductor is 440 ohm. If it is connected to a 110 volts source. How much current will flow through it?

- Ans ☒ A. 0.24 Ampere
☒ B. 0.25 Ampere
☒ C. 24 Ampere
☒ D. 25 Ampere

Question Type : MCQ
Question ID : 4335763339
Option 1 ID : 43357613353
Option 2 ID : 43357613354
Option 3 ID : 43357613355
Option 4 ID : 43357613356
Status : Answered
Chosen Option : B

Q.26 Hormone Adrenaline is secreted by -

- Ans ☒ A. Kidney
☒ B. Pituitary gland
☒ C. Hypothalamus gland
☒ D. None of these

Question Type : MCQ
Question ID : 4335762949
Option 1 ID : 43357611793
Option 2 ID : 43357611794
Option 3 ID : 43357611795
Option 4 ID : 43357611796
Status : Answered
Chosen Option : A

is Respiration?

- Ans ☒ A. Oxidation
☒ B. Combination
☒ C. Reduction
☒ D. Exothermic

Question Type : **MCQ**
Question ID : **4335763157**
Option 1 ID : **43357612625**
Option 2 ID : **43357612626**
Option 3 ID : **43357612627**
Option 4 ID : **43357612628**
Status : **Answered**
Chosen Option : **D**

Q.28 Water has its maximum density at which one of the following temperatures?

- Ans ☒ A. 273 K
☒ B. 277K
☒ C. 373 K
☒ D. 298 K

Question Type : **MCQ**
Question ID : **4335763111**
Option 1 ID : **43357612441**
Option 2 ID : **43357612442**
Option 3 ID : **43357612443**
Option 4 ID : **43357612444**
Status : **Answered**
Chosen Option : **B**

Q.29 Which of the following is a metalloid?

- Ans ☒ A. silicon
☒ B. sodium
☒ C. magnesium
☒ D. Sulphur

Question Type : **MCQ**
Question ID : **4335763208**
Option 1 ID : **43357612829**
Option 2 ID : **43357612830**
Option 3 ID : **43357612831**
Option 4 ID : **43357612832**
Status : **Answered**
Chosen Option : **A**

add

- Ans ☒ A. CO₂, SO₂, NO₂, gases in air
☒ B. C, SO₂, N₂, gases in air
☒ C. CO, SO₃, NO₃, gases in air
☒ D. CH₄, CO₂, NO₂, gases in air

Question Type : MCQ
Question ID : 4335763133
Option 1 ID : 43357612529
Option 2 ID : 43357612530
Option 3 ID : 43357612531
Option 4 ID : 43357612532
Status : Answered
Chosen Option : D

Q.31 A student wants to change a feeble sound to a loud soun. For this he should increase the-

- Ans ☒ A. Amplitude of sound
☒ B. Frequency of sound
☒ C. Speed of sound
☒ D. Wavelength of sound

Question Type : MCQ
Question ID : 4335762974
Option 1 ID : 43357611893
Option 2 ID : 43357611894
Option 3 ID : 43357611895
Option 4 ID : 43357611896
Status : Answered
Chosen Option : A

Q.32 What will be the velocity vector of a particle moving in a circle describing equal angles in equal times-

- Ans ☒ A. Change in direction
☒ B. Changes in direction and magnitude both
☒ C. Changes in magnitude
☒ D. Remains constant

Question Type : MCQ
Question ID : 4335762966
Option 1 ID : 43357611861
Option 2 ID : 43357611862
Option 3 ID : 43357611863
Option 4 ID : 43357611864
Status : Answered
Chosen Option : A

expressed -

- Ans ☒ A. In the form of candela.
☒ B. In the form of Joules
☒ C. In the form of Ampere.
☒ D. In Angstrom

Question Type : **MCQ**
Question ID : **4335763341**
Option 1 ID : **43357613361**
Option 2 ID : **43357613362**
Option 3 ID : **43357613363**
Option 4 ID : **43357613364**
Status : **Answered**
Chosen Option : **D**

Q.34 A common feature of all vertebrates is.

- Ans ☒ A. Skull
☒ B. Division of body into head, neck, trunk and tail
☒ C. Two pairs of functional appendages
☒ D. Exoskeleton

Question Type : **MCQ**
Question ID : **4335763231**
Option 1 ID : **43357612921**
Option 2 ID : **43357612922**
Option 3 ID : **43357612923**
Option 4 ID : **43357612924**
Status : **Answered**
Chosen Option : **A**

Q.35 Sublimation of a substance can be -

- Ans ☒ A. Salt
☒ B. Iodine
☒ C. Sugar
☒ D. Sand

Question Type : **MCQ**
Question ID : **4335763191**
Option 1 ID : **43357612761**
Option 2 ID : **43357612762**
Option 3 ID : **43357612763**
Option 4 ID : **43357612764**
Status : **Answered**
Chosen Option : **B**

hant tusk are :-

- Ans ☒ A. analogous organs
☒ B. Vestigeal organs
☒ C. Homologous organs
☒ D. Rudimentary organs

Question Type : MCQ
Question ID : 4335762956
Option 1 ID : 43357611821
Option 2 ID : 43357611822
Option 3 ID : 43357611823
Option 4 ID : 43357611824
Status : Answered
Chosen Option : A

Q.37 The intermixing of particles of two different types of matter on their own is called

- Ans ☒ A. Osmosis
☒ B. Brownian motion
☒ C. Diffusion
☒ D. Conductance

Question Type : MCQ
Question ID : 4335763064
Option 1 ID : 43357612253
Option 2 ID : 43357612254
Option 3 ID : 43357612255
Option 4 ID : 43357612256
Status : Answered
Chosen Option : C

Q.38 The first law of motion is also known as

- Ans ☒ A. Law of Inertia
☒ B. Galileo principle
☒ C. Archimedes Principle
☒ D. Conservation of momentum

Question Type : MCQ
Question ID : 4335763301
Option 1 ID : 43357613201
Option 2 ID : 43357613202
Option 3 ID : 43357613203
Option 4 ID : 43357613204
Status : Answered
Chosen Option : A

with hydrogen gas is left free in air. Then the balloon

- Ans ☒ A. ascends upto a certain height in air and floats
- ☒ B. ascends upto a certain height and explodes.
- ☒ C. ascends upto a certain height and then decends back to ground
- ☒ D. escapes into space.

Question Type : MCQ
Question ID : 4335763297
Option 1 ID : 43357613185
Option 2 ID : 43357613186
Option 3 ID : 43357613187
Option 4 ID : 43357613188
Status : Answered
Chosen Option : B

Q.40 Read the statements given below and choose the correct option:
Assertion (A) :
Stomach produces hydrochloric acid that helps in breakdown of food.
Reason (R) :
Digestive juices need an acidic medium to act.

- Ans ☒ A. (A) is true, but (R) is false.
- ☒ B. Both (A) and (R) are true , but (R) is not the correct explanation of (A)
- ☒ C. (A) is false ,but (R) is true.
- ☒ D. Both (A) and (R) are true and (R) is the correct explanation of (A)

Question Type : MCQ
Question ID : 4335763372
Option 1 ID : 43357613485
Option 2 ID : 43357613486
Option 3 ID : 43357613487
Option 4 ID : 43357613488
Status : Answered
Chosen Option : D

Q.41 When a force of 1 newton is applied no an object of mass 1kg it produces an acceleration of

- Ans ☒ A. 1 m
- ☒ B. 1 m51
- ☒ C. 1 m52
- ☒ D. 1ms

Question Type : MCQ
Question ID : 4335763298
Option 1 ID : 43357613189
Option 2 ID : 43357613190
Option 3 ID : 43357613191
Option 4 ID : 43357613192
Status : Answered
Chosen Option : C

c flux Produced when the magnetic field is Parallel to the Surface

area.

- Ans ☒ A. Maximum
☒ B. Minimum
☒ C. Zero
☒ D. Depends on the magnetic field.

Question Type : MCQ
Question ID : 4335763001
Option 1 ID : 43357612001
Option 2 ID : 43357612002
Option 3 ID : 43357612003
Option 4 ID : 43357612004
Status : Answered
Chosen Option : C

Q.43 Which of the following endocrine gland/glands control the amount of calcium in the blood:-

- Ans ☒ A. Adrenal gland
☒ B. thyroid gland
☒ C. parathyroid gland
☒ D. More than One options are correct.

Question Type : MCQ
Question ID : 4335763268
Option 1 ID : 43357613069
Option 2 ID : 43357613070
Option 3 ID : 43357613071
Option 4 ID : 43357613072
Status : Answered
Chosen Option : D

Q.44 The half life of radioactive nuclei is

- Ans ☒ A. $0.693/\lambda$
☒ B. $0.793/\lambda$
☒ C. 0.693λ
☒ D. 0.793λ

Question Type : MCQ
Question ID : 4335762997
Option 1 ID : 43357611985
Option 2 ID : 43357611986
Option 3 ID : 43357611987
Option 4 ID : 43357611988
Status : Answered
Chosen Option : C

forms the basis of the modern periodic table?

- Ans ☒ A. Atomic mass
- ☒ B. Atomic number
- ☒ C. Number of nucleons
- ☒ D. All of the above

Question Type : **MCQ**
Question ID : **4335763363**
Option 1 ID : **43357613449**
Option 2 ID : **43357613450**
Option 3 ID : **43357613451**
Option 4 ID : **43357613452**
Status : **Answered**
Chosen Option : **B**

Q.46 Which of the following statements is true about an element that has an atomic number of 15.

- Ans ☒ A. Element belongs to group 15
- ☒ B. Element has a valency of 3
- ☒ C. Element is a non metal
- ☒ D. None of these

Question Type : **MCQ**
Question ID : **4335763163**
Option 1 ID : **43357612649**
Option 2 ID : **43357612650**
Option 3 ID : **43357612651**
Option 4 ID : **43357612652**
Status : **Answered**
Chosen Option : **B**

Q.47 The special technique used in ships to calculate the depth of ocean beds is

- Ans ☒ A. Reverberation
- ☒ B. SONAR
- ☒ C. LASER
- ☒ D. ECHO

Question Type : **MCQ**
Question ID : **4335763316**
Option 1 ID : **43357613261**
Option 2 ID : **43357613262**
Option 3 ID : **43357613263**
Option 4 ID : **43357613264**
Status : **Answered**
Chosen Option : **B**

he particles in a gaseous substance is

- Ans ☒ A. Random
☒ B. Linear
☒ C. circular
☒ D. vibratory

Question Type : MCQ
Question ID : 4335763192
Option 1 ID : 43357612765
Option 2 ID : 43357612766
Option 3 ID : 43357612767
Option 4 ID : 43357612768
Status : Answered
Chosen Option : A

Q.49 What method is used to produce a true-breeding line ?

- Ans ☒ A. Self- pollination
☒ B. Cross-pollination
☒ C. Artificial pollination
☒ D. Allogamy

Question Type : MCQ
Question ID : 4335762954
Option 1 ID : 43357611813
Option 2 ID : 43357611814
Option 3 ID : 43357611815
Option 4 ID : 43357611816
Status : Answered
Chosen Option : A

Q.50 Which statement is wrong in the following reaction?
 $\text{PbO(s)} + \text{C(s)} \rightarrow \text{Pb(s)} + \text{CO}_2\text{(g)}$

- Ans ☒ A. Lead is reduced
☒ B. CO₂ is oxidised
☒ C. C is oxidised
☒ D. PbO is reduced

Question Type : MCQ
Question ID : 4335763156
Option 1 ID : 43357612621
Option 2 ID : 43357612622
Option 3 ID : 43357612623
Option 4 ID : 43357612624
Status : Answered
Chosen Option : B

tropositive character of elements on moving from left to right in a

Periodic table?

- Ans ☒ A. Increases
☒ B. Decreases
☒ C. First increases then decreases
☒ D. First decreases, then increases

Question Type : MCQ
Question ID : 4335763059
Option 1 ID : 43357612233
Option 2 ID : 43357612234
Option 3 ID : 43357612235
Option 4 ID : 43357612236
Status : Answered
Chosen Option : C

Q.52 The work done on an object does not depend on the.

- Ans ☒ A. displacement
☒ B. initial velocity of the object
☒ C. angle between force and displacement
☒ D. force applied

Question Type : MCQ
Question ID : 4335763310
Option 1 ID : 43357613237
Option 2 ID : 43357613238
Option 3 ID : 43357613239
Option 4 ID : 43357613240
Status : Answered
Chosen Option : B

Q.53 A teacher, while teaching the chapter ' Body Movements' to class VI students shows the following images to her students:

A sailing boat, swimming fish and a flying aeroplane. She then asks the students to reflect on the shape of the images and the manner of movement. Which of the following are likely to be employed by students in answering?

- (a) Classifying (b) Observing
(c) Inductive reasoning (d) Measuring

- Ans ☒ A. (b) and (c)
☒ B. (c) and (d)
☒ C. (a) and (d)
☒ D. (a) and (b)

Question Type : MCQ
Question ID : 4335763344
Option 1 ID : 43357613373
Option 2 ID : 43357613374
Option 3 ID : 43357613375
Option 4 ID : 43357613376
Status : Answered
Chosen Option : A

graphs are straight lines ?

- A. Distance - time graph of a body at rest
- B. Velocity - time graph of a body moving with uniform acceleration
- C. Distance - time graph of a body moving with uniform acceleration
- D. Velocity - time graph of a body at rest

Choose the correct option:

Ans ☒ A. A,B and D

☐ B. A, B and C

☐ C. C and D

☐ D. A and B

Question Type : MCQ

Question ID : 4335763379

Option 1 ID : 43357613513

Option 2 ID : 43357613514

Option 3 ID : 43357613515

Option 4 ID : 43357613516

Status : Answered

Chosen Option : A

Q.55 $\propto$ particle is charged

Ans ☐ A. negative charged particle

☒ B. positively charged particle

☐ C. neutral particle

☐ D. massless positively charged particle

Question Type : MCQ

Question ID : 4335763212

Option 1 ID : 43357612845

Option 2 ID : 43357612846

Option 3 ID : 43357612847

Option 4 ID : 43357612848

Status : Answered

Chosen Option : B

Q.56 Which of the following is the most active metallic element?

Ans ☒ A. silicon

☐ B. sodium

☐ C. magnesium

☐ D. sulphur

Question Type : MCQ

Question ID : 4335763216

Option 1 ID : 43357612861

Option 2 ID : 43357612862

Option 3 ID : 43357612863

Option 4 ID : 43357612864

Status : Answered

Chosen Option : B

ygen in CO and CO₂?

- Ans ☒ A. 1:01
☒ B. 1:02
☒ C. 1:03
☒ D. 1:04

Question Type : MCQ
Question ID : 4335763207
Option 1 ID : 43357612825
Option 2 ID : 43357612826
Option 3 ID : 43357612827
Option 4 ID : 43357612828
Status : Answered
Chosen Option : B

Q.58 An atom of an element has the electrical configuration 2,8 when it is in its Pure state.
Is it a number of any Particular group? Select from the given option.

- Ans ☒ A. The fourth group
☒ B. The sixth group
☒ C. 18 th group
☒ D. 15 th group

Question Type : MCQ
Question ID : 4335763053
Option 1 ID : 43357612209
Option 2 ID : 43357612210
Option 3 ID : 43357612211
Option 4 ID : 43357612212
Status : Answered
Chosen Option : C

Q.59 Among the following local winds, which one is known as "Doctor's wind?"

- Ans ☒ A. Chinook
☒ B. Khamsin
☒ C. Harmattan
☒ D. Nor-wester

Question Type : MCQ
Question ID : 4335763123
Option 1 ID : 43357612489
Option 2 ID : 43357612490
Option 3 ID : 43357612491
Option 4 ID : 43357612492
Status : Answered
Chosen Option : C

Ans ☒ A. Y helper cells
☒ B. T helper cells
☒ C. K helper cells
☒ D. None of them

Question Type : **MCQ**
Question ID : **4335763051**
Option 1 ID : **43357612201**
Option 2 ID : **43357612202**
Option 3 ID : **43357612203**
Option 4 ID : **43357612204**
Status : **Answered**
Chosen Option : **B**

Q.61 Which of the following metals is the most reactive?

Ans ☒ A. Li
☒ B. Na
☒ C. K
☒ D. Rb

Question Type : **MCQ**
Question ID : **4335763161**
Option 1 ID : **43357612641**
Option 2 ID : **43357612642**
Option 3 ID : **43357612643**
Option 4 ID : **43357612644**
Status : **Answered**
Chosen Option : **C**

Q.62 Which among the following methods is used to separate the constituents present in a compound?

Ans ☒ A. Electrochemical method
☒ B. Heating method
☒ C. Fractional distillation
☒ D. Decomposition followed by ion exchange

Question Type : **MCQ**
Question ID : **4335763087**
Option 1 ID : **43357612345**
Option 2 ID : **43357612346**
Option 3 ID : **43357612347**
Option 4 ID : **43357612348**
Status : **Answered**
Chosen Option : **D**

hanoic acid in water is called -

- Ans ☒ A. Fehling's solution
☒ B. Tollen's reagent
☒ C. Vinegar
☒ D. None of these

Question Type : **MCQ**
Question ID : **4335763176**
Option 1 ID : **43357612701**
Option 2 ID : **43357612702**
Option 3 ID : **43357612703**
Option 4 ID : **43357612704**
Status : **Answered**
Chosen Option : **A**

Q.64 Ohm's law does not apply to which of the following-

- Ans ☒ A. DC circuit
☒ B. High currents
☒ C. Low resistors
☒ D. Semi-conductors

Question Type : **MCQ**
Question ID : **4335763002**
Option 1 ID : **43357612005**
Option 2 ID : **43357612006**
Option 3 ID : **43357612007**
Option 4 ID : **43357612008**
Status : **Answered**
Chosen Option : **A**

Q.65 An electric bulb marked as 220V and 100 watt. What is the power consumed by it when it is operated on 110 volts.

- Ans ☒ A. 100w
☒ B. 75w
☒ C. 50w
☒ D. 25w

Question Type : **MCQ**
Question ID : **4335763335**
Option 1 ID : **43357613337**
Option 2 ID : **43357613338**
Option 3 ID : **43357613339**
Option 4 ID : **43357613340**
Status : **Answered**
Chosen Option : **C**

ty of a magnet is maximum at:

- Ans ☒ A. North pole only
- ☒ B. south pole only
- ☒ C. North & South Poles both
- ☒ D. mid-point of the magnet

Question Type : MCQ
Question ID : 4335763120
Option 1 ID : 43357612477
Option 2 ID : 43357612478
Option 3 ID : 43357612479
Option 4 ID : 43357612480
Status : Answered
Chosen Option : C

Q.67 Introduction of sex education in schools should be encouraged to.

- Ans ☒ A. to control diseases
- ☒ B. avoid interaction among boys and girls
- ☒ C. provide right information about sex to the young ones
- ☒ D. To discourage attraction towards opposite sex

Question Type : MCQ
Question ID : 4335763274
Option 1 ID : 43357613093
Option 2 ID : 43357613094
Option 3 ID : 43357613095
Option 4 ID : 43357613096
Status : Answered
Chosen Option : C

Q.68 What returns most organic waste into the environment in an ecosystem :-

- Ans ☒ A. decomposers
- ☒ B. Predators
- ☒ C. Insects
- ☒ D. Photosynthesis

Question Type : MCQ
Question ID : 4335763259
Option 1 ID : 43357613033
Option 2 ID : 43357613034
Option 3 ID : 43357613035
Option 4 ID : 43357613036
Status : Answered
Chosen Option : A

ndria has almost 70-75% Protein content?

- Ans ☒ A. Outer membrane
☒ B. Inner membrane
☒ C. Both outer & Inner membrane
☒ D. Intermembrane Space

Question Type : **MCQ**
Question ID : **4335763046**
Option 1 ID : **43357612181**
Option 2 ID : **43357612182**
Option 3 ID : **43357612183**
Option 4 ID : **43357612184**
Status : **Answered**
Chosen Option : **B**

Q.70 Cell wall is found around the.

- Ans ☒ A. Prokaryotic cells
☒ B. Algal cells
☒ C. Plant cells
☒ D. All of these

Question Type : **MCQ**
Question ID : **4335763236**
Option 1 ID : **43357612941**
Option 2 ID : **43357612942**
Option 3 ID : **43357612943**
Option 4 ID : **43357612944**
Status : **Answered**
Chosen Option : **D**

Q.71 Which cell organelle is responsible for protein synthesis?

- Ans ☒ A. Ribosomes
☒ B. Lysosomes
☒ C. Golgi apparatus
☒ D. Endoplasmic reticulum

Question Type : **MCQ**
Question ID : **4335763092**
Option 1 ID : **43357612365**
Option 2 ID : **43357612366**
Option 3 ID : **43357612367**
Option 4 ID : **43357612368**
Status : **Answered**
Chosen Option : **A**

mass 2kg is moving in vertical circular motion with the help of a string of radius 1m and with a velocity of 5m/sec. What is the tension in string at the highest Point?

- Ans ☒ A. 30 N
- ☐ B. 50 N
- ☐ C. 20 N
- ☐ D. 25 N

Question Type : MCQ
Question ID : 4335762963
Option 1 ID : 43357611849
Option 2 ID : 43357611850
Option 3 ID : 43357611851
Option 4 ID : 43357611852
Status : Answered
Chosen Option : C

Q.73 When light rays enter the eye, most of the refraction occurs at the

- Ans ☐ A. Crystalline lens
- ☒ B. The outer Surface of the cornea
- ☐ C. Iris
- ☐ D. Pupil

Question Type : MCQ
Question ID : 4335763010
Option 1 ID : 43357612037
Option 2 ID : 43357612038
Option 3 ID : 43357612039
Option 4 ID : 43357612040
Status : Answered
Chosen Option : B

Q.74 Which of the following is responsible for producing antibodies in humans ?

- Ans ☐ A. T- cells
- ☒ B. B- cells
- ☐ C. Red blood cells
- ☐ D. Plateletes

Question Type : MCQ
Question ID : 4335762950
Option 1 ID : 43357611797
Option 2 ID : 43357611798
Option 3 ID : 43357611799
Option 4 ID : 43357611800
Status : Answered
Chosen Option : B

wing compounds is produced in human stomach?

- Ans ☒ A. Milk of magnesia
☒ B. Nitric acid
☒ C. Hydrochloric acid
☒ D. Citric acid

Question Type : MCQ
Question ID : 4335763116
Option 1 ID : 43357612461
Option 2 ID : 43357612462
Option 3 ID : 43357612463
Option 4 ID : 43357612464
Status : Answered
Chosen Option : C

Q.76 Which of the following is not a biogeochemical cycle?

- Ans ☒ A. Ozone cycle
☒ B. Water cycle
☒ C. Nitrogen cycle
☒ D. Oxygen cycle

Question Type : MCQ
Question ID : 4335762989
Option 1 ID : 43357611953
Option 2 ID : 43357611954
Option 3 ID : 43357611955
Option 4 ID : 43357611956
Status : Answered
Chosen Option : A

Q.77 ozone-depleting substance chiefly utilized in -

- Ans ☒ A. Chimneys
☒ B. All of human activities
☒ C. Burning fossil fuels
☒ D. cooling and refrigeration applications and in the manufacturer of foam products

Question Type : MCQ
Question ID : 4335762940
Option 1 ID : 43357611757
Option 2 ID : 43357611758
Option 3 ID : 43357611759
Option 4 ID : 43357611760
Status : Answered
Chosen Option : D

contain

- Ans ☒ A. Carbon
- ☒ B. Nitrogen
- ☒ C. Oxygen
- ☒ D. All of these

Question Type : MCQ
Question ID : 4335763135
Option 1 ID : 43357612537
Option 2 ID : 43357612538
Option 3 ID : 43357612539
Option 4 ID : 43357612540
Status : Answered
Chosen Option : D

Q.79 X is a device which is used to see around corners and is based on the principle of Y X and Y respectively are:

- Ans ☒ A. Kaleidoscope, refraction
- ☒ B. Periscope, reflection
- ☒ C. Periscope, dispersion
- ☒ D. Telescope, reflection

Question Type : MCQ
Question ID : 4335763370
Option 1 ID : 43357613477
Option 2 ID : 43357613478
Option 3 ID : 43357613479
Option 4 ID : 43357613480
Status : Answered
Chosen Option : B

Q.80 The fusion of female reproductive nucleus with the male reproductive nucleus is known as-

- Ans ☒ A. Adoption
- ☒ B. Excretion
- ☒ C. Fertilization
- ☒ D. Regeneration

Question Type : MCQ
Question ID : 4335763050
Option 1 ID : 43357612197
Option 2 ID : 43357612198
Option 3 ID : 43357612199
Option 4 ID : 43357612200
Status : Answered
Chosen Option : C

light into different colours on passing through a prism is called-

- Ans ☒ A. Reflection
☒ B. Refraction
☒ C. Dispersion
☒ D. Deviation

Question Type : MCQ
Question ID : 4335763011
Option 1 ID : 43357612041
Option 2 ID : 43357612042
Option 3 ID : 43357612043
Option 4 ID : 43357612044
Status : Answered
Chosen Option : C

Q.82 In the carbon cycle, the human body returns carbon to the atmosphere through this way

- Ans ☒ A. Formation of glucose
☒ B. Waste Products
☒ C. Photosynthesis
☒ D. Cellular respiration

Question Type : MCQ
Question ID : 4335762987
Option 1 ID : 43357611945
Option 2 ID : 43357611946
Option 3 ID : 43357611947
Option 4 ID : 43357611948
Status : Answered
Chosen Option : D

Q.83 Bacteria have an underfined nuclear region which lacks a nuclear membrane and contains only DNA without proteins. Such a region is called:

- Ans ☒ A. Nucleosome
☒ B. Nucleus
☒ C. Nucleoprotein
☒ D. Nucleoid

Question Type : MCQ
Question ID : 4335763089
Option 1 ID : 43357612353
Option 2 ID : 43357612354
Option 3 ID : 43357612355
Option 4 ID : 43357612356
Status : Answered
Chosen Option : D

is not a Lewis base?

- Ans ☒ A. PF₃
☒ B. BF₃
☒ C. F
☒ D. CO

Question Type : MCQ
Question ID : 4335762905
Option 1 ID : 43357611617
Option 2 ID : 43357611618
Option 3 ID : 43357611619
Option 4 ID : 43357611620
Status : Answered
Chosen Option : D

Q.85 Where the phloem is found in leaf ?

- Ans ☒ A. Between the lower and upper epidermis
☒ B. Dorsal side of the vascular bundle
☒ C. Towards lower epidermis of leaf
☒ D. around xylem

Question Type : MCQ
Question ID : 4335763257
Option 1 ID : 43357613025
Option 2 ID : 43357613026
Option 3 ID : 43357613027
Option 4 ID : 43357613028
Status : Answered
Chosen Option : A

Q.86 Identify a group of the unsaturated hydrocarbons from the following :

- Ans ☒ A. Propane, Ethene, Butyne
☒ B. Ethene, Propane, Hexane
☒ C. Cyclohexane, Methane, Ethane
☒ D. Butyne, Ethene, Propyne

Question Type : MCQ
Question ID : 4335763173
Option 1 ID : 43357612689
Option 2 ID : 43357612690
Option 3 ID : 43357612691
Option 4 ID : 43357612692
Status : Answered
Chosen Option : D

reely towards the earth, then its total energy.

- Ans ☒ A. remains constant
- ☒ B. first increases and then decreases
- ☒ C. decreases
- ☒ D. increases

Question Type : MCQ
Question ID : 4335763309
Option 1 ID : 43357613233
Option 2 ID : 43357613234
Option 3 ID : 43357613235
Option 4 ID : 43357613236
Status : Answered
Chosen Option : D

Q.88 Which one of the following metals is malleable and a poor conductor of electricity?

- Ans ☒ A. Copper
- ☒ B. Zinc
- ☒ C. Lead
- ☒ D. Silver

Question Type : MCQ
Question ID : 4335763286
Option 1 ID : 43357613141
Option 2 ID : 43357613142
Option 3 ID : 43357613143
Option 4 ID : 43357613144
Status : Answered
Chosen Option : A

Q.89 Which of the following term is responsible for the distance between two successive compression of sound wave?

- Ans ☒ A. Wave number
- ☒ B. Frequency
- ☒ C. Amplitude
- ☒ D. Wavelength

Question Type : MCQ
Question ID : 4335762975
Option 1 ID : 43357611897
Option 2 ID : 43357611898
Option 3 ID : 43357611899
Option 4 ID : 43357611900
Status : Answered
Chosen Option : D

tes carbohydrate fat and protein metabolism so as to maintain
best balance in growth.

- Ans ☒ A. Thyroxine
☒ B. Insuline
☒ C. Adrenaline
☒ D. None of these

Question Type : MCQ
Question ID : 4335762948
Option 1 ID : 43357611789
Option 2 ID : 43357611790
Option 3 ID : 43357611791
Option 4 ID : 43357611792
Status : Answered
Chosen Option : A

Q.91 A piece of ice is dropped in a vessel containing Kerosene oil. When ice melts, the level
of Kerosene oil will-

- Ans ☒ A. Rise
☒ B. Fall
☒ C. Remain same
☒ D. None of them

Question Type : MCQ
Question ID : 4335762973
Option 1 ID : 43357611889
Option 2 ID : 43357611890
Option 3 ID : 43357611891
Option 4 ID : 43357611892
Status : Answered
Chosen Option : A

Q.92 What is the structural and functional unit of life?

- Ans ☒ A. Cell
☒ B. Organism
☒ C. Tissue
☒ D. Organ

Question Type : MCQ
Question ID : 4335763090
Option 1 ID : 43357612357
Option 2 ID : 43357612358
Option 3 ID : 43357612359
Option 4 ID : 43357612360
Status : Answered
Chosen Option : A

the air. It reaches a maximum height and then returns to the thrower.
Which of the following quantities have the same values during the upward and downward motion of the ball?

- Ans ☒ A. Force of gravity
☒ B. Displacement
☒ C. Work done by gravity
☒ D. Acceleration

Question Type : MCQ
Question ID : 4335763354
Option 1 ID : 43357613413
Option 2 ID : 43357613414
Option 3 ID : 43357613415
Option 4 ID : 43357613416
Status : Answered
Chosen Option : A

Q.94 Which of the following causes the temperature of a substance to remain constant while it is undergoing a change in its state?

- Ans ☒ A. Latent heat
☒ B. Lattice energy
☒ C. Loss of heat
☒ D. None of these

Question Type : MCQ
Question ID : 4335763085
Option 1 ID : 43357612337
Option 2 ID : 43357612338
Option 3 ID : 43357612339
Option 4 ID : 43357612340
Status : Answered
Chosen Option : A

Q.95 Atomic number is denoted by -

- Ans ☒ A. A
☒ B. Z
☒ C. N
☒ D. X

Question Type : MCQ
Question ID : 4335763220
Option 1 ID : 43357612877
Option 2 ID : 43357612878
Option 3 ID : 43357612879
Option 4 ID : 43357612880
Status : Answered
Chosen Option : B

f which of the following compounds will act as the best conductor of electricity?

- Ans ☒ A. NH₃
☒ B. HCL
☒ C. CH₃COOH
☒ D. Fructose

Question Type : MCQ
Question ID : 4335762907
Option 1 ID : 43357611625
Option 2 ID : 43357611626
Option 3 ID : 43357611627
Option 4 ID : 43357611628
Status : Answered
Chosen Option : B

Q.97 Plants receive energy from the Sun which they utilise for several processes.

The energy utilized for which of the following plant processes gets transferred to the next trophic level that consumes plants?

- Ans ☒ A. only growth-----
☒ B. only respiration
☒ C. only transport of substances and reproduction
☒ D. all - growth, photosynthesis, respiration and transport of substances

Question Type : MCQ
Question ID : 4335763102
Option 1 ID : 43357612405
Option 2 ID : 43357612406
Option 3 ID : 43357612407
Option 4 ID : 43357612408
Status : Answered
Chosen Option : D

Q.98 Consider the following statements in respect of probiotics :

- 1.Probiotics are made of both bacteria and yeast.
 - 2.The organisms in probiotics are found in foods we ingest but they do not naturally occur in our gut.
 - 3.Probiotics help in the digestion of milk sugars.
- Which of the statements given above is/are correct?

- Ans ☒ A. 1 only
☒ B. 2 only
☒ C. 1 and 3
☒ D. 2 and 3

Question Type : MCQ
Question ID : 4335763076
Option 1 ID : 43357612301
Option 2 ID : 43357612302
Option 3 ID : 43357612303
Option 4 ID : 43357612304
Status : Answered
Chosen Option : D

bottom of the ocean is

- Ans ☒ A. Atmospheric pressure
- ☒ B. equal to 76mm of mercury
- ☒ C. equal to 760mm of mercury
- ☒ D. All of these

Question Type : MCQ
Question ID : 4335763188
Option 1 ID : 43357612749
Option 2 ID : 43357612750
Option 3 ID : 43357612751
Option 4 ID : 43357612752
Status : Answered
Chosen Option : C

Q.10 A sample of carbon that contains 70% C-12 and 30% C-14. What do you think is the
0 average atomic mass of this sample ?

- Ans ☒ A. 14.5
- ☒ B. 14.14
- ☒ C. 14
- ☒ D. 12.6

Question Type : MCQ
Question ID : 4335762923
Option 1 ID : 43357611689
Option 2 ID : 43357611690
Option 3 ID : 43357611691
Option 4 ID : 43357611692
Status : Answered
Chosen Option : D

Section : Part II

Q.10 The practice of finding commonalities or fundamental connections across a range of
1 particular circumstances is known as -----

- Ans ☒ A. Abstraction
- ☒ B. Generalization
- ☒ C. Problem Solving
- ☒ D. Reasoning

Question Type : MCQ
Question ID : 4335763450
Option 1 ID : 43357613797
Option 2 ID : 43357613798
Option 3 ID : 43357613799
Option 4 ID : 43357613800
Status : Answered
Chosen Option : C

2 **important thing a teacher should consider in the selection and utilization of instructional materials?**

- Ans ☒ A. Objectives of the lesson
- ☐ B. Availability of instructional materials
- ☐ C. Attractiveness of instructional materials
- ☐ D. Degree of interest on the part of the students

Question Type : MCQ
Question ID : 4335763823
Option 1 ID : 43357615289
Option 2 ID : 43357615290
Option 3 ID : 43357615291
Option 4 ID : 43357615292
Status : Answered
Chosen Option : D

Q.10 At the highest level of hierarchy is

3

- Ans ☐ A. Understanding
- ☐ B. Application
- ☒ C. Evaluation
- ☐ D. Analysis

Question Type : MCQ
Question ID : 4335763522
Option 1 ID : 43357614085
Option 2 ID : 43357614086
Option 3 ID : 43357614087
Option 4 ID : 43357614088
Status : Answered
Chosen Option : C

Q.10 Which of the following is the most appropriate in the preparation of a lesson plan?

4

- Ans ☒ A. Techno Pedagogical Content Knowledge
- ☐ B. Content Knowledge
- ☐ C. Technological Content Knowledge
- ☐ D. Technological Knowledge

Question Type : MCQ
Question ID : 4335763675
Option 1 ID : 43357614697
Option 2 ID : 43357614698
Option 3 ID : 43357614699
Option 4 ID : 43357614700
Status : Answered
Chosen Option : A

uation involves assigning scores or grades based on predefined

5 criteria?

- Ans ☒ A. Norm-referenced evaluation
- ☒ B. Criterion-referenced evaluation
- ☒ C. Performance-based evaluation
- ☒ D. Self-evaluation

Question Type : MCQ
Question ID : 4335764139
Option 1 ID : 43357616553
Option 2 ID : 43357616554
Option 3 ID : 43357616555
Option 4 ID : 43357616556
Status : Answered
Chosen Option : B

Q.10 Which component of Lesson Plan foster personal and interpersonal development
6 through class discussions or group projects

- Ans ☒ A. Application
- ☒ B. Integration
- ☒ C. Human Dimension
- ☒ D. Foundational Knowledge

Question Type : MCQ
Question ID : 4335763709
Option 1 ID : 43357614833
Option 2 ID : 43357614834
Option 3 ID : 43357614835
Option 4 ID : 43357614836
Status : Answered
Chosen Option : D

Q.10 In fulfillment of the obligation to the profession, the educator should
7

- Ans ☒ A. make false statements about a colleague
- ☒ B. treat other members of the profession in the same manner as he himself wishes to be treated
- ☒ C. assist a non-educator in the unauthorized practice of teaching
- ☒ D. make false statement concerning the qualifications of a candidate for a professional position

Question Type : MCQ
Question ID : 4335763984
Option 1 ID : 43357615933
Option 2 ID : 43357615934
Option 3 ID : 43357615935
Option 4 ID : 43357615936
Status : Answered
Chosen Option : B

8

- Ans ☒ A. who recreates his students in the class sufficiently
- ☒ B. who has deep knowledge of his subject
- ☒ C. whose discipline is very rigid
- ☒ D. whose expression is effective

Question Type : MCQ
Question ID : 4335764036
Option 1 ID : 43357616141
Option 2 ID : 43357616142
Option 3 ID : 43357616143
Option 4 ID : 43357616144
Status : Answered
Chosen Option : A

Q.10 Percentage of knowledge gained through observation/vision is:
9

- Ans ☒ A. 0.4
- ☒ B. 0.55000000000000004
- ☒ C. 0.6
- ☒ D. 0.75

Question Type : MCQ
Question ID : 4335764198
Option 1 ID : 43357616789
Option 2 ID : 43357616790
Option 3 ID : 43357616791
Option 4 ID : 43357616792
Status : Answered
Chosen Option : B

Q.11 For a teacher teaching a class with large strength, which of the techniques is best?
0

- Ans ☒ A. Debate, discussions, practicals
- ☒ B. Group work with a lecture
- ☒ C. Lecture and class notes
- ☒ D. Self study and asking questions

Question Type : MCQ
Question ID : 4335764298
Option 1 ID : 43357617189
Option 2 ID : 43357617190
Option 3 ID : 43357617191
Option 4 ID : 43357617192
Status : Answered
Chosen Option : B

rint of the school that includes experiences for the:

1

- Ans ☒ A. Experts
- ☒ B. Teacher
- ☒ C. Learner
- ☒ D. Curriculum planner

Question Type : MCQ
Question ID : 4335764202
Option 1 ID : 43357616805
Option 2 ID : 43357616806
Option 3 ID : 43357616807
Option 4 ID : 43357616808
Status : Answered
Chosen Option : C

Q.11 Freedom in education means

2

- Ans ☒ A. the spirit of opposing the rules of the school regularly
- ☒ B. the students will do anything they want
- ☒ C. one's own growth freely and the recognition of others freedom to grow similarly
- ☒ D. teachers are free to teach as they think

Question Type : MCQ
Question ID : 4335764047
Option 1 ID : 43357616185
Option 2 ID : 43357616186
Option 3 ID : 43357616187
Option 4 ID : 43357616188
Status : Answered
Chosen Option : C

Q.11 Which one of the following classrooms encourages rich learning?

3

- Ans ☒ A. A classroom with a variety of material displayed in the class beyond the reach of children so that the material lasts longer
- ☒ B. A classroom with open activity corners and a variety of children's literature in open shelves accessible any time of the day
- ☒ C. A classroom with neatly organized material in cupboards brought out once a week for free play
- ☒ D. A classroom with structured and planned learning driven by textbook content

Question Type : MCQ
Question ID : 4335763931
Option 1 ID : 43357615721
Option 2 ID : 43357615722
Option 3 ID : 43357615723
Option 4 ID : 43357615724
Status : Answered
Chosen Option : B

statement is not considered a sign of motivated teaching?

4

- Ans ☒ A. Students ask a lot of questions.
- ☒ B. Pin drop silence in the class even when asked to share experiences.
- ☒ C. Learners have the sense of belongingness.
- ☒ D. Students can differentiate new learning from old learning.

Question Type : **MCQ**
Question ID : **4335763865**
Option 1 ID : **43357615457**
Option 2 ID : **43357615458**
Option 3 ID : **43357615459**
Option 4 ID : **43357615460**
Status : **Answered**
Chosen Option : **B**

Q.11 The element that makes a class interesting is

5

- Ans ☒ A. Personality of the teacher
- ☒ B. Lesson plan
- ☒ C. Study material
- ☒ D. Teaching method

Question Type : **MCQ**
Question ID : **4335764025**
Option 1 ID : **43357616097**
Option 2 ID : **43357616098**
Option 3 ID : **43357616099**
Option 4 ID : **43357616100**
Status : **Answered**
Chosen Option : **D**

Q.11 Why is teacher training necessary?

6

- Ans ☒ A. Increase teaching skills
- ☒ B. Understand methods of school organisation
- ☒ C. Upgrade knowledge of content
- ☒ D. All these

Question Type : **MCQ**
Question ID : **4335764304**
Option 1 ID : **43357617213**
Option 2 ID : **43357617214**
Option 3 ID : **43357617215**
Option 4 ID : **43357617216**
Status : **Answered**
Chosen Option : **A**

esses the amount of time it takes to perform a specific task or

7 activity?

- Ans ☒ A. Agility test
- ☒ B. Reaction time test
- ☒ C. Speed test
- ☒ D. Balance test

Question Type : **MCQ**
Question ID : **4335764136**
Option 1 ID : **43357616541**
Option 2 ID : **43357616542**
Option 3 ID : **43357616543**
Option 4 ID : **43357616544**
Status : **Answered**
Chosen Option : **B**

Q.11 If the teacher opening sentence is interesting then students will

- 8
- Ans ☒ A. Rude
- ☒ B. Attentive
- ☒ C. In Attitude
- ☒ D. None of these

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.11 American approach emphasizes

- 9
- Ans ☒ A. Teacher
- ☒ B. Content presentation
- ☒ C. Learning objectives
- ☒ D. Methods

Question Type : **MCQ**
Question ID : **4335763682**
Option 1 ID : **43357614725**
Option 2 ID : **43357614726**
Option 3 ID : **43357614727**
Option 4 ID : **43357614728**
Status : **Answered**
Chosen Option : **C**

ns are concerned with:

0

- Ans ☒ A. History
- ☒ B. Economy
- ☒ C. Society
- ☒ D. Idea

Question Type : MCQ
Question ID : 4335764220
Option 1 ID : 43357616877
Option 2 ID : 43357616878
Option 3 ID : 43357616879
Option 4 ID : 43357616880
Status : Answered
Chosen Option : C

Q.12 Microteaching is defined as
1

- Ans ☒ A. a teacher training programme involving a larger group of learners.
- ☒ B. a teacher training programme and procedure which reduces the teaching situation to a simple form.
- ☒ C. A training programme which involves a teacher and students in a classroom situation covering a part of the syllabus.
- ☒ D. all of these

Question Type : MCQ
Question ID : 4335763778
Option 1 ID : 43357615109
Option 2 ID : 43357615110
Option 3 ID : 43357615111
Option 4 ID : 43357615112
Status : Answered
Chosen Option : B

Q.12 Which is not an Activity of Pre Active phase
2

- Ans ☒ A. Determining goals or Objectives
- ☒ B. Content selection
- ☒ C. Instructional method
- ☒ D. Starting teaching

Question Type : MCQ
Question ID : 4335763386
Option 1 ID : 43357613541
Option 2 ID : 43357613542
Option 3 ID : 43357613543
Option 4 ID : 43357613544
Status : Answered
Chosen Option : D

3

- Ans ☒ A. knowledge of assumptions and principles to teachers by studying the effects of independent variables on dependent one
- ☒ B. knowledge about different levels of teaching and models of teaching concurrent to it
- ☒ C. knowledge about how to investigate teaching problems and how to solve them
- ☒ D. all of the above

Question Type : MCQ
Question ID : 4335763487
Option 1 ID : 43357613945
Option 2 ID : 43357613946
Option 3 ID : 43357613947
Option 4 ID : 43357613948
Status : Answered
Chosen Option : D

Q.12 The learning activities should be planned by the teacher in compliance with the-----
4

- Ans ☒ A. abilities and interests of students
- ☒ B. performance of students
- ☒ C. reaction of students
- ☒ D. assignments given by other teachers

Question Type : MCQ
Question ID : 4335763963
Option 1 ID : 43357615849
Option 2 ID : 43357615850
Option 3 ID : 43357615851
Option 4 ID : 43357615852
Status : Answered
Chosen Option : A

Q.12 Affective domain focuses on adoption of a value system as a part of life style in
5

- Ans ☒ A. Responding
- ☒ B. Valuing
- ☒ C. Organization
- ☒ D. Characterization

Question Type : MCQ
Question ID : 4335763552
Option 1 ID : 43357614205
Option 2 ID : 43357614206
Option 3 ID : 43357614207
Option 4 ID : 43357614208
Status : Answered
Chosen Option : A

6

- Ans ☒ A. Provides friendly help
- ☐ B. Inspects classrooms
- ☐ C. Gives directions
- ☐ D. Criticizes the teaching method

Question Type : MCQ
Question ID : 4335763883
Option 1 ID : 43357615529
Option 2 ID : 43357615530
Option 3 ID : 43357615531
Option 4 ID : 43357615532
Status : Answered
Chosen Option : C

Q.12 Real Classroom level where teaching learning takes place indicates.....
7

- Ans ☐ A. Macro level
- ☒ B. Micro level
- ☐ C. Individual level
- ☐ D. All of the above.

Question Type : MCQ
Question ID : 4335763781
Option 1 ID : 43357615121
Option 2 ID : 43357615122
Option 3 ID : 43357615123
Option 4 ID : 43357615124
Status : Answered
Chosen Option : A

Q.12 The rules of presenting the contents to make them easy are called-
8

- Ans ☐ A. Methods of teaching
- ☒ B. Maxims of teaching
- ☐ C. Techniques of teaching
- ☐ D. Teaching strategies

Question Type : MCQ
Question ID : 4335763466
Option 1 ID : 43357613861
Option 2 ID : 43357613862
Option 3 ID : 43357613863
Option 4 ID : 43357613864
Status : Answered
Chosen Option : B

9

-teaching is

- Ans ☒ A. it deepens students analytical abilities
- ☒ B. improve student-teacher relationships
- ☒ C. it is a technique to form instructional conditions
- ☒ D. All of the above

Question Type : **MCQ**
Question ID : **4335763616**
Option 1 ID : **43357614461**
Option 2 ID : **43357614462**
Option 3 ID : **43357614463**
Option 4 ID : **43357614464**
Status : **Answered**
Chosen Option : **D**

Q.13 Which method is fully depended on teacher's communication skill?
0

- Ans ☒ A. Descriptive
- ☒ B. Inductive
- ☒ C. Role play
- ☒ D. Playway

Question Type : **MCQ**
Question ID : **4335763617**
Option 1 ID : **43357614465**
Option 2 ID : **43357614466**
Option 3 ID : **43357614467**
Option 4 ID : **43357614468**
Status : **Answered**
Chosen Option : **A**

Section : **Part III**

Q.13 A Rectangular SandBox is 5 m wide and 2 m long. How many Cubic Metres of Sand is
1 needed to fill the Box into a Depth of 10 cm?

- Ans ☒ A. 2.5
- ☒ B. 1
- ☒ C. 5
- ☒ D. 3

Question Type : **MCQ**
Question ID : **4335764729**
Option 1 ID : **43357618913**
Option 2 ID : **43357618914**
Option 3 ID : **43357618915**
Option 4 ID : **43357618916**
Status : **Answered**
Chosen Option : **B**

is a Composite number?

2

- Ans ☒ A. 0
- ☒ B. 19
- ☒ C. 29
- ☒ D. 91

Question Type : MCQ
Question ID : 4335764967
Option 1 ID : 43357619865
Option 2 ID : 43357619866
Option 3 ID : 43357619867
Option 4 ID : 43357619868
Status : Answered
Chosen Option : D

Q.13 With reference to the Champaran Satyagraha, consider the following statements:

- 3 1. It was a response to the tax increase by the provincial government.
2. Mahatma Gandhi was nominated as a member of the Government-appointed enquiry committee.
Which of the statements given above is/are correct?

- Ans ☒ A. 1 only
- ☒ B. 2 only
- ☒ C. Both 1 and 2
- ☒ D. Neither 1 nor 2

Question Type : MCQ
Question ID : 4335764452
Option 1 ID : 43357617805
Option 2 ID : 43357617806
Option 3 ID : 43357617807
Option 4 ID : 43357617808
Status : Answered
Chosen Option : C

Q.13 Who is a child labourer as per law in India?

4

- Ans ☒ A. In India, a child labour is defined as a person who has not completed the age of 14 years
- ☒ B. In India, a child labour is defined as a person who has not completed the age of 18 years
- ☒ C. In India, a child labour is defined as a person who has not completed the age of 15 years
- ☒ D. In India, a child labour is defined as a person who has not completed the age of 16 years

Question Type : MCQ
Question ID : 4335764535
Option 1 ID : 43357618137
Option 2 ID : 43357618138
Option 3 ID : 43357618139
Option 4 ID : 43357618140
Status : Answered
Chosen Option : D

is the correct ascending order of the given minerals in terms of
5 their presence in the Earth's crust?
(1) Amphibolite
(2) Mica
(3) Pyroxene
Select the answer using the code given below:

- Ans ☒ A. 2,3,1
☒ B. 1,2,3
☒ C. 2,1,3
☒ D. 1,3,2

Question Type : MCQ
Question ID : 4335764393
Option 1 ID : 43357617569
Option 2 ID : 43357617570
Option 3 ID : 43357617571
Option 4 ID : 43357617572
Status : Answered
Chosen Option : C

Q.13 Which sea Port is nearest to Rourkela Steel Plant?
6

- Ans ☒ A. Haldia
☒ B. Vishakhapattanam
☒ C. Kandla
☒ D. Paradip

Question Type : MCQ
Question ID : 4335764605
Option 1 ID : 43357618417
Option 2 ID : 43357618418
Option 3 ID : 43357618419
Option 4 ID : 43357618420
Status : Answered
Chosen Option : C

Q.13 C is mother of A and B. If D is husband of B. Then who is C of D ?
7

- Ans ☒ A. Sister
☒ B. Mother
☒ C. Aunt
☒ D. Mother-in-Law

Question Type : MCQ
Question ID : 4335764905
Option 1 ID : 43357619617
Option 2 ID : 43357619618
Option 3 ID : 43357619619
Option 4 ID : 43357619620
Status : Answered
Chosen Option : D

8 ing condemned the Ottawa Trade Agreement of 1932 by saying that : 'it has killed much larger interests of India' ?

- Ans ☒ A. G.D. Birla
- ☒ B. J.R.D. Tata
- ☒ C. Jawahar Lal Nehru
- ☒ D. J.B. Kripalani

Question Type : MCQ
Question ID : 4335764357
Option 1 ID : 43357617425
Option 2 ID : 43357617426
Option 3 ID : 43357617427
Option 4 ID : 43357617428
Status : Answered
Chosen Option : B

Q.13 Which letter group will complete when put in the blank space of the given letter series
9 ab__bab__babc__a__cb.

- Ans ☒ A. acbc
- ☒ B. cbbb
- ☒ C. bbcc
- ☒ D. bccb

Question Type : MCQ
Question ID : 4335764872
Option 1 ID : 43357619485
Option 2 ID : 43357619486
Option 3 ID : 43357619487
Option 4 ID : 43357619488
Status : Answered
Chosen Option : D

Q.14 Which of the following techniques is used for reducing the total dissolved solids (TDS)
0 in the water?

- Ans ☒ A. Osmosis
- ☒ B. Ion exchange
- ☒ C. Distillation
- ☒ D. Both Ion exchange and Distillation

Question Type : MCQ
Question ID : 4335764642
Option 1 ID : 43357618565
Option 2 ID : 43357618566
Option 3 ID : 43357618567
Option 4 ID : 43357618568
Status : Answered
Chosen Option : D

day off in November. Guru Dayal has every 5th day off in
1 November. Which date is the first time Ramesh and Guru Dayal have a day off together so they can hang out?

- Ans ☒ A. 9th Nov
☒ B. 20th Nov
☒ C. 15th Nov
☒ D. 30th Nov

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.14 ITTF World Table Tennis Championship Final 2025 was held in-----
2

- Ans ☒ A. Delhi
☒ B. Kuala Lumpur
☒ C. Doha
☒ D. Shillong

Question Type : MCQ
Question ID : 4335764529
Option 1 ID : 43357618113
Option 2 ID : 43357618114
Option 3 ID : 43357618115
Option 4 ID : 43357618116
Status : Answered
Chosen Option : B

Q.14 On June 21 every year, which of the following latitude(s) experience(s) a sunlight of
3 more than 12 hours?

1. Equator
2. Tropic of Cancer
3. Tropic of Capricorn
4. Arctic Circle

Select the correct answer using the given options

- Ans ☒ A. 1 only
☒ B. 2 only
☒ C. 3 and 4
☒ D. 2 and 4

Question Type : MCQ
Question ID : 4335764495
Option 1 ID : 43357617977
Option 2 ID : 43357617978
Option 3 ID : 43357617979
Option 4 ID : 43357617980
Status : Answered
Chosen Option : C

break the salt law?

4

Ans ☒ A. Dandi March

☐ B. Ahmedabad March

☐ C. Champaran March

☐ D. All

Question Type : MCQ
Question ID : 4335764594
Option 1 ID : 43357618373
Option 2 ID : 43357618374
Option 3 ID : 43357618375
Option 4 ID : 43357618376
Status : Answered
Chosen Option : A

Q.14 Find out the odd element from the given options:-
5

Ans ☐ A. Barley

☐ B. Paddy

☒ C. Rosewood

☐ D. Millet

Question Type : MCQ
Question ID : 4335764848
Option 1 ID : 43357619389
Option 2 ID : 43357619390
Option 3 ID : 43357619391
Option 4 ID : 43357619392
Status : Answered
Chosen Option : C

Q.14 Which Letter will be 8th to the right of the 10th Letter from the left in the reverse order
6 of the alphabet ?

Ans ☐ A. P

☐ B. Q

☒ C. I

☐ D. H

Question Type : MCQ
Question ID : 4335764917
Option 1 ID : 43357619665
Option 2 ID : 43357619666
Option 3 ID : 43357619667
Option 4 ID : 43357619668
Status : Answered
Chosen Option : C

pposite identical faces and other faces as parallelograms is

7 a.....

- Ans ☒ A. prism
☒ B. pyramid
☒ C. cone
☒ D. sphere

Question Type : MCQ
Question ID : 4335764674
Option 1 ID : 43357618693
Option 2 ID : 43357618694
Option 3 ID : 43357618695
Option 4 ID : 43357618696
Status : Answered
Chosen Option : B

Q.14 8 How does a central bank support the government's fiscal policy?

- Ans ☒ A. By setting tax rates
☒ B. By buying government bonds in the open market
☒ C. By issuing currency directly to the government
☒ D. By regulating public sector enterprises

Question Type : MCQ
Question ID : 4335764426
Option 1 ID : 43357617701
Option 2 ID : 43357617702
Option 3 ID : 43357617703
Option 4 ID : 43357617704
Status : Answered
Chosen Option : B

Q.14 9 Teacher conducted an oral assessment in class and found that Ram can speak definition of all types of numbers-odd, even, prime and composite accurately, but not able to identify the numbers accurately when given a set of numbers. Which of the following is most appropriate for the above situation?

- Ans ☒ A. Ram has good memory but lacks concentration.
☒ B. Ram has good memory but lacks conceptual understanding.
☒ C. Ram has analytical ability.
☒ D. Ram has good memory but lacks practice.

Question Type : MCQ
Question ID : 4335764777
Option 1 ID : 43357619105
Option 2 ID : 43357619106
Option 3 ID : 43357619107
Option 4 ID : 43357619108
Status : Answered
Chosen Option : B

clocks A and B. Clock A gets faster by 8 min and clock B gets slower by 12 min every hour. They are synchronised to the correct time at 05:00 hrs. Within the following 24 hours at a certain instant clock A shows 15:12 hrs. and clock B shows 12:12 hrs. What is the true time at that instant?

Ans  A. 13:48

 B. 14:00

 C. 14:12

 D. 14:36

Question Type : **MCQ**

Question ID : **4335764815**

Option 1 ID : **43357619257**

Option 2 ID : **43357619258**

Option 3 ID : **43357619259**

Option 4 ID : **43357619260**

Status : **Answered**

Chosen Option : **C**