

BSTET (Class 9-10)

**Previous Year Paper
(Science)**

14 Oct, 2025 Shift 2

Adda247

Test Prime

ALL EXAMS, ONE SUBSCRIPTION



1,00,000+
Mock Tests



Personalised
Report Card



Unlimited
Re-Attempt



600+
Exam Covered



25,000+ Previous
Year Papers



500%
Refund



ATTEMPT FREE MOCK NOW



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

Q.3 Dry ice is an example 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

Q.6 Which of the following 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

Q.9 Atoms or group of atoms 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

Q.12 Which of the following 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

Q.15 An ant moves from one corner of a hall to the diagonally opposite corner. If the dimensions of the floor of hall are $8\text{m} \times 6\text{m}$, 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

Q.18 Kalpakkam is known for 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

Q.21 Which kingdom includes 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

Q.24 Among these liquids, 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

Q.27 Which type of reaction 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

Q.30 Burning of fossil fuels 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

Q.33 Wave length is usually 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

Q.36 Human teeth and elephant tusk are :-

- Ans ☒ A. analogous organs
☒ B. Vestigial 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

Q.39 A rubber balloon filled 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

Q.42 Calculate the magnetic 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/ λ
☒ B. 0.793/ λ
☒ C. 0.693 λ
☒ D. 0.793 λ

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

Q.45 Which of the following 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

Q.48 The motion between the 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

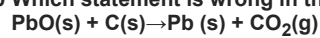
Option 3 ID : 43357611815

Option 4 ID : 43357611816

Status : Answered

Chosen Option : A

Q.50 Which statement is wrong in the following reaction?



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

Q.51 What happens to electropositive 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

Q.54 Which of the following 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 α 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

Q.57 What is the ratio of oxygen 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

Q.60 HIV Parasitizes-

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

Q.63 A dilute solution of Ethanoic 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

Q.66 The attractive property 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

Q.69 Which part of mitochondria 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

Q.72 A body of weight 20N, 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

Q.75 Which one of the following 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 manufacture 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

Q.78 Molecules of proteins 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

Q.81 The Splitting of white 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

Q.84 Which of the following 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

Q.87 When an object falls freely 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

Q.90 Which hormone regulates 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

Q.93 A ball is thrown up in 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

Q.96 An aqueous solution of 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

Q.99 The air pressure at the 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

Q.10 Devices can make a lecture more understandable and meaningful. What is the most 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

- 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?

- 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

Q.10 Which method of evaluation 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

Q.10 A successful teacher is one
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

Q.11 A curriculum is blue print 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

Q.11 Which of the following 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

Q.11 Which type of test assesses the amount of time it takes to perform a specific task or 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

- 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

- 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

Q.12 Sociological foundations 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

Q.12 Teaching theories give
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

Q.12 A supervisor is one who
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

Q.12 The advantage of team-teaching is

9

- 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

Q.13 Which of the following 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

Q.13 Which of the following 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

Q.13 Who among the following condemned the Ottawa Trade Agreement of 1932 by saying
8 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

Q.14 Ramesh has every 3rd 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

Q.14 What did Gandhi do to 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

Q.14 A solid that has two opposite 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 How does a central bank support the government's fiscal policy?

8

- 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 Teacher conducted an oral assessment in class and found that Ram can speak
9 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

Q.15 Consider two 24-hour clocks A and B. Clock A gets faster by 8 min and clock B gets 0 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

