

BSTET (Class 11-12)

**Previous Year Paper
(Botany)**

16 Nov, 2025 Shift 2



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Exam Name	STET Exam 2025
Paper	Paper II
Roll No	
Participant Name	
Test Center Name	
Test Date	16/11/2025
Test Time	2:00 PM - 4:30 PM

Section : Part I Botany(229)

Q.1 Aerobiology is the study of:

- Ans ☒ A. Birds and their habitats
- ☒ B. Microorganisms in aquatic environments
- ☒ C. Particles and organisms in the air
- ☒ D. Volcanic activity and its effects

Question Type : MCQ
Question ID : 4335766609
Option 1 ID : 43357626433
Option 2 ID : 43357626434
Option 3 ID : 43357626435
Option 4 ID : 43357626436
Status : Answered
Chosen Option : C

Q.2 The ability of the Venus-fly-trap to capture insects is due to

- Ans ☒ A. Chemical stimulation by the prey
- ☒ B. A passive process requiring no special ability on the part of plant
- ☒ C. specialized "muscle like" cells
- ☒ D. Rapid turgor pressure changes

Question Type : MCQ
Question ID : 4335766575
Option 1 ID : 43357626297
Option 2 ID : 43357626298
Option 3 ID : 43357626299
Option 4 ID : 43357626300
Status : Answered
Chosen Option : A

Q.3 Mannitol is a reserved food found in

- Ans ☐ A. Gracillaria
☐ B. Porphyra
☐ C. Chara
☒ D. Fucus

Question Type : MCQ
 Question ID : 4335766532
 Option 1 ID : 43357626125
 Option 2 ID : 43357626126
 Option 3 ID : 43357626127
 Option 4 ID : 43357626128
 Status : Answered
 Chosen Option : D

Q.4 Which statement about a population is false?

- Ans ☒ A. Individuals within a population undergo genetic change.
☐ B. Birth and death rates are features of a population
☐ C. A population contains a group of individuals of the same species.
☐ D. Individuals are not "endangered," but populations can be endangered

Question Type : MCQ
 Question ID : 4335766558
 Option 1 ID : 43357626229
 Option 2 ID : 43357626230
 Option 3 ID : 43357626231
 Option 4 ID : 43357626232
 Status : Answered
 Chosen Option : D

Q.5 Which enzyme plays major role in opening and closing of stomata?

- Ans ☐ A. Beta-amylase
☐ B. Pyruvic kinase
☐ C. RuDP
☒ D. PEP carboxylase

Question Type : MCQ
 Question ID : 4335766617
 Option 1 ID : 43357626465
 Option 2 ID : 43357626466
 Option 3 ID : 43357626467
 Option 4 ID : 43357626468
 Status : Answered
 Chosen Option : A

Q.6 If a host other than E. coli is to be used, what property of DNA to be inserted is disadvantageous?

- Ans ☐ A. Circular DNA
- ☐ B. Linear DNA
- ☐ C. Replicating DNA
- ☒ D. Non-replicating DNA

Question Type : MCQ
Question ID : 4335766622
Option 1 ID : 43357626485
Option 2 ID : 43357626486
Option 3 ID : 43357626487
Option 4 ID : 43357626488
Status : Answered
Chosen Option : D

Q.7 What is golden rice?

- Ans ☐ A. Golden rice is rice that has had genes from other organisms added to it. These genes produce gold
- ☐ B. Golden rice is rice that has genes taken from it for use in other organisms. These genes produce beta-carotene.
- ☒ C. Golden rice is rice that has had genes from other organisms added to it. These genes produce beta-carotene.
- ☐ D. Golden rice is rice that has had genes from other organisms added to it. These genes produce vitamin A. I

Question Type : MCQ
Question ID : 4335766629
Option 1 ID : 43357626513
Option 2 ID : 43357626514
Option 3 ID : 43357626515
Option 4 ID : 43357626516
Status : Answered
Chosen Option : D

Q.8 Which of the following proteins does not function in cell-cell interaction?

- Ans ☐ A. Integrin
- ☐ B. Cadherin
- ☐ C. N-CAM
- ☒ D. Cytochrome

Question Type : MCQ
Question ID : 4335766615
Option 1 ID : 43357626457
Option 2 ID : 43357626458
Option 3 ID : 43357626459
Option 4 ID : 43357626460
Status : Answered
Chosen Option : B

Q.9 The waxy substance associated with the wall of the cork cell is

- Ans ☐ A. Lignin
☐ B. Hemicellulose
☐ C. Cutin
☒ D. Suberin

Question Type : MCQ
 Question ID : 4335766540
 Option 1 ID : 43357626157
 Option 2 ID : 43357626158
 Option 3 ID : 43357626159
 Option 4 ID : 43357626160
 Status : Answered
 Chosen Option : A

Q.10 With the Silent Valley Project, which one of the following states is related?

- Ans ☐ A. Himachal Pradesh
☐ B. Uttarakhand
☒ C. Kerala
☐ D. Tamil nadu

Question Type : MCQ
 Question ID : 4335766570
 Option 1 ID : 43357626277
 Option 2 ID : 43357626278
 Option 3 ID : 43357626279
 Option 4 ID : 43357626280
 Status : Answered
 Chosen Option : A

Q.11 Translating an mRNA requires two other types of RNA

- Ans ☐ A. tRNA and mRNA.
☐ B. tRNA and miRNA
☒ C. tRNA and rRNA
☐ D. rRNA and siRNA.

Question Type : MCQ
 Question ID : 4335766595
 Option 1 ID : 43357626377
 Option 2 ID : 43357626378
 Option 3 ID : 43357626379
 Option 4 ID : 43357626380
 Status : Answered
 Chosen Option : C

Q.12 In the following question two statements are given – one labelled as Assertion (A) and the other labelled as Reason (R). Select the correct answer to these questions from the codes (A), (B), (C) and (D) as given below.

Assertion (A) : DNA chemically is less reactive and structurally more stable when compared to RNA.

Reason (R) : DNA has 2'-OH group present at every nucleotide, which makes it more stable than RNA.

Ans ☒ A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of the Assertion (A).

☒ B. Both Assertion (A) and Reason (R) are true, but Reason (R) is not the correct explanation of the Assertion (A).

☒ C. Assertion (A) is true, but Reason (R) is false.

☒ D. Assertion (A) is false, but Reason (R) is true.

Question Type : MCQ

Question ID : 4335766487

Option 1 ID : 43357625945

Option 2 ID : 43357625946

Option 3 ID : 43357625947

Option 4 ID : 43357625948

Status : Answered

Chosen Option : A

Q.13 Which of these is NOT one of the major biogeochemical cycles?

Ans ☒ A. water cycle

☒ B. phosphorus cycle

☒ C. carbon cycle

☒ D. hydrogen cycle

Question Type : MCQ

Question ID : 4335766603

Option 1 ID : 43357626409

Option 2 ID : 43357626410

Option 3 ID : 43357626411

Option 4 ID : 43357626412

Status : Answered

Chosen Option : D

Q.14 Which half is the embryo sac embedded?

Ans ☒ A. Funicle

☒ B. Ovule

☒ C. Micropylar

☒ D. Chalaza

Question Type : MCQ

Question ID : 4335766535

Option 1 ID : 43357626137

Option 2 ID : 43357626138

Option 3 ID : 43357626139

Option 4 ID : 43357626140

Status : Answered

Chosen Option : B

Q.15 A(n) _____ is responsible for collecting light rays previously focused on the specimen.

- Ans ☒ A. condenser lens
- ☒ B. objective lens
- ☒ C. ocular lens
- ☒ D. iris

Question Type : MCQ
Question ID : 4335766589
Option 1 ID : 43357626353
Option 2 ID : 43357626354
Option 3 ID : 43357626355
Option 4 ID : 43357626356
Status : Answered
Chosen Option : B

Q.16 Calvin used algae in his experiment, for tracing out the path of carbon, the algae used were:

- Ans ☒ A. Chlorella and Chlamydomonas
- ☒ B. Chlorella and Scenedesmus
- ☒ C. Chlorococcum and Chlorella
- ☒ D. Chlorococcum and Scenedesmus

Question Type : MCQ
Question ID : 4335766576
Option 1 ID : 43357626301
Option 2 ID : 43357626302
Option 3 ID : 43357626303
Option 4 ID : 43357626304
Status : Answered
Chosen Option : A

Q.17 "Ecological succession" refers to:

- Ans ☒ A. the replacement of one type of vegetation with another
- ☒ B. a series of predictable changes in the composition or structure of an ecological community
- ☒ C. human-induced (anthropogenic) changes in an ecological community
- ☒ D. young plants that grow to reproductive age

Question Type : MCQ
Question ID : 4335766604
Option 1 ID : 43357626413
Option 2 ID : 43357626414
Option 3 ID : 43357626415
Option 4 ID : 43357626416
Status : Answered
Chosen Option : B

Q.18 The combination of DNA from two or more sources is called:

- Ans ☒ A. RNA
☒ B. 2-DNA
☒ C. biotechnology
☒ D. recombinant DNA

Question Type : MCQ
 Question ID : 4335766626
 Option 1 ID : 43357626501
 Option 2 ID : 43357626502
 Option 3 ID : 43357626503
 Option 4 ID : 43357626504
 Status : Answered
 Chosen Option : D

Q.19 Which of the following is not one of the states of lipids?

- Ans ☒ A. Para crystalline state
☒ B. Liquid ordered state
☒ C. Liquid disordered state
☒ D. Crystalline state

Question Type : MCQ
 Question ID : 4335766614
 Option 1 ID : 43357626453
 Option 2 ID : 43357626454
 Option 3 ID : 43357626455
 Option 4 ID : 43357626456
 Status : Answered
 Chosen Option : D

Q.20 Which of the following has non-flagellated isogamous gametes?

- Ans ☒ A. Spirogyra
☒ B. Chlamydomonas
☒ C. Volvox
☒ D. Fucus

Question Type : MCQ
 Question ID : 4335766531
 Option 1 ID : 43357626121
 Option 2 ID : 43357626122
 Option 3 ID : 43357626123
 Option 4 ID : 43357626124
 Status : Answered
 Chosen Option : A

Q.21 A corm like rhizomorph occurs in

- Ans ☒ A. Lycopodium
☒ B. Isoetes
☒ C. Psilotum
☒ D. Rhynia

Question Type : MCQ
 Question ID : 4335766505
 Option 1 ID : 43357626017
 Option 2 ID : 43357626018
 Option 3 ID : 43357626019
 Option 4 ID : 43357626020
 Status : Answered
 Chosen Option : B

Q.22 The bacterial cell wall is made up of

- Ans ☒ A. chitin
☒ B. cellulose
☒ C. Dextron
☒ D. Peptidoglycan

Question Type : MCQ
 Question ID : 4335766515
 Option 1 ID : 43357626057
 Option 2 ID : 43357626058
 Option 3 ID : 43357626059
 Option 4 ID : 43357626060
 Status : Answered
 Chosen Option : D

Q.23 What is the correct full form of IUCN?

- Ans ☒ A. International Union for Conservation of Nuts
☒ B. International Union for Conservation of Nature
☒ C. International Union for Conservation of Natural habitat
☒ D. International Union for Conservation of Numbers

Question Type : MCQ
 Question ID : 4335766574
 Option 1 ID : 43357626293
 Option 2 ID : 43357626294
 Option 3 ID : 43357626295
 Option 4 ID : 43357626296
 Status : Answered
 Chosen Option : B

Q.24 How does a phase-contrast microscope setup make transparent objects more visible?

- Ans ☒ A. It uses brighter bulbs than conventional light microscopes
- ☒ B. It generates a negative image so that the background is dark and the specimen is light
- ☒ C. It generates stereo images that can be viewed only with polarized filters
- ☒ D. It causes direct and refracted light rays to interfere with one another

Question Type : MCQ
Question ID : 4335766590
Option 1 ID : 43357626357
Option 2 ID : 43357626358
Option 3 ID : 43357626359
Option 4 ID : 43357626360
Status : Answered
Chosen Option : B

Q.25 Members of the Archaea have been observed most commonly in:

- Ans ☒ A. the ocean.
- ☒ B. lakes and rivers (i.e., fresh water).
- ☒ C. well-aerated soils.
- ☒ D. very extreme (with respect to temperature, salinity, pressure, etc.) environments.

Question Type : MCQ
Question ID : 4335766586
Option 1 ID : 43357626341
Option 2 ID : 43357626342
Option 3 ID : 43357626343
Option 4 ID : 43357626344
Status : Answered
Chosen Option : D

Q.26 7- Level of taxonomic study concerned with the biological aspects of taxa, including intraspecific populations, speciation, evolutionary rates and trends

- Ans ☒ A. alpha taxonomy
- ☒ B. beta taxonomy
- ☒ C. gamma taxonomy
- ☒ D. theta taxonomy

Question Type : MCQ
Question ID : 4335766527
Option 1 ID : 43357626105
Option 2 ID : 43357626106
Option 3 ID : 43357626107
Option 4 ID : 43357626108
Status : Answered
Chosen Option : C

Q.27 The smallest organism capable of autonomous growth and reproduction

- Ans ☒ A. Bacteria
☒ B. viroid
☒ C. Mycoplasma
☒ D. Virus

Question Type : MCQ
 Question ID : 4335766559
 Option 1 ID : 43357626233
 Option 2 ID : 43357626234
 Option 3 ID : 43357626235
 Option 4 ID : 43357626236
 Status : Answered
 Chosen Option : C

Q.28 A phenomenon where a male insect mistakenly identified the patterns of a orchid flower as the female insect partner, and tries to copulate and thereby pollinates the flower is said to be :

- Ans ☒ A. Pseudocopulation
☒ B. Pseudopollination
☒ C. Pseudoparthenocarpy
☒ D. Pseudofertilisation

Question Type : MCQ
 Question ID : 4335766504
 Option 1 ID : 43357626013
 Option 2 ID : 43357626014
 Option 3 ID : 43357626015
 Option 4 ID : 43357626016
 Status : Answered
 Chosen Option : C

Q.29 Which process involves the burial of an organism in sediment that eventually hardens into rock?

- Ans ☒ A. Fossilization
☒ B. Permineralization
☒ C. Preservation
☒ D. Mineralization

Question Type : MCQ
 Question ID : 4335766520
 Option 1 ID : 43357626077
 Option 2 ID : 43357626078
 Option 3 ID : 43357626079
 Option 4 ID : 43357626080
 Status : Answered
 Chosen Option : A

Q.30 Which of the following is NOT a major objective of plant breeding for crop improvement?

- Ans ☒ A. Increasing disease resistance
☒ B. Reducing yield potential
☒ C. Enhancing nutritional content
☒ D. Improving stress tolerance

Question Type : MCQ
 Question ID : 4335766598
 Option 1 ID : 43357626389
 Option 2 ID : 43357626390
 Option 3 ID : 43357626391
 Option 4 ID : 43357626392
 Status : Answered
 Chosen Option : B

Q.31 The natural selection of Darwin does not explain:

- Ans ☒ A. The absence of a connecting link
☒ B. Inheritance of vestigial organs
☒ C. Origin and inheritance of variations
☒ D. All of these

Question Type : MCQ
 Question ID : 4335766489
 Option 1 ID : 43357625953
 Option 2 ID : 43357625954
 Option 3 ID : 43357625955
 Option 4 ID : 43357625956
 Status : Answered
 Chosen Option : A

Q.32 The disease related with apple is known as:

- Ans ☒ A. red rust disease
☒ B. tikka disease
☒ C. green ear disease
☒ D. fire blight

Question Type : MCQ
 Question ID : 4335766500
 Option 1 ID : 43357625997
 Option 2 ID : 43357625998
 Option 3 ID : 43357625999
 Option 4 ID : 43357626000
 Status : Answered
 Chosen Option : A

Q.33 In the _____ stage of mitosis, the daughter chromosomes of the cell reach the poles, after which the cell passes into the next interphase, and the nuclear envelope and nucleoli re-form

- Ans ☒ A. metaphase
☒ B. anaphase
☒ C. telophase
☒ D. prophase

Question Type : MCQ
 Question ID : 4335766585
 Option 1 ID : 43357626337
 Option 2 ID : 43357626338
 Option 3 ID : 43357626339
 Option 4 ID : 43357626340
 Status : Answered
 Chosen Option : B

Q.34 The male reproductive parts of a flower, the stamens, are collectively known as

- Ans ☒ A. Androecium
☒ B. Filament
☒ C. Anther
☒ D. Gynoecium

Question Type : MCQ
 Question ID : 4335766553
 Option 1 ID : 43357626209
 Option 2 ID : 43357626210
 Option 3 ID : 43357626211
 Option 4 ID : 43357626212
 Status : Answered
 Chosen Option : A

Q.35 *Monascus purpureus* is a yeast used commercially in the production of which of the following ?

- Ans ☒ A. Ethanol
☒ B. Streptokinase for removing clots from blood vessels
☒ C. Citric acid
☒ D. Blood-cholesterol lowering statins

Question Type : MCQ
 Question ID : 4335766492
 Option 1 ID : 43357625965
 Option 2 ID : 43357625966
 Option 3 ID : 43357625967
 Option 4 ID : 43357625968
 Status : Answered
 Chosen Option : C

Q.36 Which of the following are first evolved plants with vascular tissues?

Ans ☒ A. Pteridophytes

☒ B. Bryophytes

☒ C. Thallophtes

☒ D. Cryptograms

Question Type : MCQ

Question ID : 4335766517

Option 1 ID : 43357626065

Option 2 ID : 43357626066

Option 3 ID : 43357626067

Option 4 ID : 43357626068

Status : Answered

Chosen Option : A

Q.37 Which of the following is a principle of the Cell Theory?

Ans ☒ A. All organisms are composed of one or more cells

☒ B. The cell is the structural unit of life

☒ C. Cells can arise only by division from a preexisting cell.

☒ D. All of these.

Question Type : MCQ

Question ID : 4335766588

Option 1 ID : 43357626349

Option 2 ID : 43357626350

Option 3 ID : 43357626351

Option 4 ID : 43357626352

Status : Answered

Chosen Option : D

Q.38 Restriction enzymes perform which of the following functions?

Ans ☒ A. They cut DNA at specific sequences

☒ B. They defend against bacterial infections

☒ C. They restrict the size of a cell's nucleus.

☒ D. They are involved in DNA replication.

Question Type : MCQ

Question ID : 4335766625

Option 1 ID : 43357626497

Option 2 ID : 43357626498

Option 3 ID : 43357626499

Option 4 ID : 43357626500

Status : Answered

Chosen Option : A

Q.39 Arhar belongs to genus

- Ans ☒ A. Phaseolus
- ☒ B. Cajanus
- ☒ C. Cicer
- ☒ D. All of the above

Question Type : MCQ
Question ID : 4335766545
Option 1 ID : 43357626177
Option 2 ID : 43357626178
Option 3 ID : 43357626179
Option 4 ID : 43357626180
Status : Answered
Chosen Option : D

Q.40 Which one of the following scientists published the book Origin of Life?

- Ans ☒ A. Harold Urey
- ☒ B. A I Oparin
- ☒ C. Stanley Miller
- ☒ D. J B S Haldane

Question Type : MCQ
Question ID : 4335766512
Option 1 ID : 43357626045
Option 2 ID : 43357626046
Option 3 ID : 43357626047
Option 4 ID : 43357626048
Status : Answered
Chosen Option : C

Q.41 In a food web consisting of grass, grasshoppers, sparrows, and hawks, the sparrows are:

- Ans ☒ A. primary producers.
- ☒ B. primary consumers.
- ☒ C. secondary consumers.
- ☒ D. secondary producers

Question Type : MCQ
Question ID : 4335766602
Option 1 ID : 43357626405
Option 2 ID : 43357626406
Option 3 ID : 43357626407
Option 4 ID : 43357626408
Status : Answered
Chosen Option : C

Q.42 Why biodiversity is of great scientific value?

- Ans ☒ A. Because many species of plants and animals are the subjects of our research
☒ B. Because biodiversity can be use only in space
☒ C. Because biodiversity can only be useful for scientist
☒ D. Because biodiversity provides only few products that helps for humans

Question Type : MCQ
 Question ID : 4335766549
 Option 1 ID : 43357626193
 Option 2 ID : 43357626194
 Option 3 ID : 43357626195
 Option 4 ID : 43357626196
 Status : Answered
 Chosen Option : A

Q.43 A mass of nutritive material outside the embryo sac is called _____

- Ans ☒ A. Protoplasm
☒ B. Pericarp
☒ C. Ectoderm
☒ D. Perisperm

Question Type : MCQ
 Question ID : 4335766550
 Option 1 ID : 43357626197
 Option 2 ID : 43357626198
 Option 3 ID : 43357626199
 Option 4 ID : 43357626200
 Status : Answered
 Chosen Option : B

Q.44 What is an important reason for the conservation of natural resources?

- Ans ☒ A. Disturb the ecological balance
☒ B. Preserve the biological diversity
☒ C. Disruption of quality of the environment
☒ D. Hampering the biological species

Question Type : MCQ
 Question ID : 4335766573
 Option 1 ID : 43357626289
 Option 2 ID : 43357626290
 Option 3 ID : 43357626291
 Option 4 ID : 43357626292
 Status : Answered
 Chosen Option : B

Q.45 The National Botanical Research Institute is located at

- Ans ☒ A. Dehradun
☒ B. Delhi
☒ C. Gangtok
☒ D. Lucknow

Question Type : MCQ
 Question ID : 4335766533
 Option 1 ID : 43357626129
 Option 2 ID : 43357626130
 Option 3 ID : 43357626131
 Option 4 ID : 43357626132
 Status : Answered
 Chosen Option : C

Q.46 The first compound molecules of the primitive earth were _____ and _____.

- Ans ☒ A. Water, Methane
☒ B. Methane, Hydrogen Cyanide
☒ C. Water, Ammonia
☒ D. Nitrites, Carbides

Question Type : MCQ
 Question ID : 4335766490
 Option 1 ID : 43357625957
 Option 2 ID : 43357625958
 Option 3 ID : 43357625959
 Option 4 ID : 43357625960
 Status : Answered
 Chosen Option : C

Q.47 Long ribbon-like pollen grains are seen in some :

- Ans ☒ A. Aquatic plants
☒ B. Wind-pollinated grasses
☒ C. Gymnosperms
☒ D. Bird-pollinated flowers

Question Type : MCQ
 Question ID : 4335766495
 Option 1 ID : 43357625977
 Option 2 ID : 43357625978
 Option 3 ID : 43357625979
 Option 4 ID : 43357625980
 Status : Answered
 Chosen Option : B

Q.48 The improved trait that is found in the genetically modified transgenic crop Golden rice is :

- Ans ☒ A. High lysine content
☒ B. Insect resistant
☒ C. High protein content
☒ D. High vitamin-A content

Question Type : MCQ
 Question ID : 4335766503
 Option 1 ID : 43357626009
 Option 2 ID : 43357626010
 Option 3 ID : 43357626011
 Option 4 ID : 43357626012
 Status : Answered
 Chosen Option : D

Q.49 For the selective permeability of the cell membranes which element is involved?

- Ans ☒ A. K
☒ B. Fe
☒ C. P
☒ D. Ca

Question Type : MCQ
 Question ID : 4335766619
 Option 1 ID : 43357626473
 Option 2 ID : 43357626474
 Option 3 ID : 43357626475
 Option 4 ID : 43357626476
 Status : Answered
 Chosen Option : A

Q.50 Where is the centre of origin for rice, one of the most important staple crops?

- Ans ☒ A. North America
☒ B. Europe
☒ C. Southeast Asia
☒ D. South America

Question Type : MCQ
 Question ID : 4335766600
 Option 1 ID : 43357626397
 Option 2 ID : 43357626398
 Option 3 ID : 43357626399
 Option 4 ID : 43357626400
 Status : Answered
 Chosen Option : C

Q.51 The 2-component system drives bacterial chemotaxis by coupling autophosphorylation of which receptor to phosphorylation of respective regulatory protein?

- Ans ☒ A. His Kinase
- ☒ B. Adenylyl cyclase
- ☒ C. Guanylyl cyclase
- ☒ D. None

Question Type : MCQ
Question ID : 4335766616
Option 1 ID : 43357626461
Option 2 ID : 43357626462
Option 3 ID : 43357626463
Option 4 ID : 43357626464
Status : Answered
Chosen Option : C

Q.52 Which of the following shows zygotic meiosis?

- Ans ☒ A. Chlamydomonas
- ☒ B. Marchantia
- ☒ C. Funaria
- ☒ D. Fucus

Question Type : MCQ
Question ID : 4335766509
Option 1 ID : 43357626033
Option 2 ID : 43357626034
Option 3 ID : 43357626035
Option 4 ID : 43357626036
Status : Answered
Chosen Option : B

Q.53 Photo chemical reaction occurs in

- Ans ☒ A. the plasma membrane of green plants
- ☒ B. the membrane of lysosome
- ☒ C. the outer membrane of chloroplast
- ☒ D. the thylakoid membrane

Question Type : MCQ
Question ID : 4335766577
Option 1 ID : 43357626305
Option 2 ID : 43357626306
Option 3 ID : 43357626307
Option 4 ID : 43357626308
Status : Answered
Chosen Option : A

Q.54 Which of the following is energy independent?

- Ans ☒ A. Active transport
☒ B. Primary active transport
☒ C. Secondary active transport
☒ D. Passive transport

Question Type : MCQ
 Question ID : 4335766613
 Option 1 ID : 43357626449
 Option 2 ID : 43357626450
 Option 3 ID : 43357626451
 Option 4 ID : 43357626452
 Status : Answered
 Chosen Option : D

Q.55 A disease which is more or less constantly present from year to year in a locality is known as

- Ans ☒ A. Epidemic
☒ B. Endemic
☒ C. Sporadic
☒ D. Pandemic

Question Type : MCQ
 Question ID : 4335766491
 Option 1 ID : 43357625961
 Option 2 ID : 43357625962
 Option 3 ID : 43357625963
 Option 4 ID : 43357625964
 Status : Answered
 Chosen Option : C

Q.56 Which of the following fruit is produced by parthenocarpy?

- Ans ☒ A. Brinjal
☒ B. Apple
☒ C. Banana
☒ D. Jackfruit

Question Type : MCQ
 Question ID : 4335766538
 Option 1 ID : 43357626149
 Option 2 ID : 43357626150
 Option 3 ID : 43357626151
 Option 4 ID : 43357626152
 Status : Answered
 Chosen Option : B

Q.57 Ecological pyramids start with:

- Ans ☒ A. Tertiary Consumers
- ☒ B. Primary consumers
- ☒ C. Producers
- ☒ D. All

Question Type : MCQ
Question ID : 4335766510
Option 1 ID : 43357626037
Option 2 ID : 43357626038
Option 3 ID : 43357626039
Option 4 ID : 43357626040
Status : Answered
Chosen Option : C

Q.58 A free living anaerobic bacterium capable of fixing nitrogen is

- Ans ☒ A. Azotobacter
- ☒ B. Rhizobium
- ☒ C. Clostridium
- ☒ D. Streptococcus

Question Type : MCQ
Question ID : 4335766484
Option 1 ID : 43357625933
Option 2 ID : 43357625934
Option 3 ID : 43357625935
Option 4 ID : 43357625936
Status : Answered
Chosen Option : A

Q.59 Which of these is an example of an abiotic factor?

- Ans ☒ A. mean annual rainfall in an ecosystem
- ☒ B. rate of predation on a prey population
- ☒ C. average litter size
- ☒ D. the density of a population

Question Type : MCQ
Question ID : 4335766601
Option 1 ID : 43357626401
Option 2 ID : 43357626402
Option 3 ID : 43357626403
Option 4 ID : 43357626404
Status : Answered
Chosen Option : C

Q.60 Who is the father of Virology?

- Ans ☒ A. Martinus Beijerinck
☒ B. Dmitri Ivanovsky
☒ C. John Ellerman
☒ D. Frederick Twort

Question Type : MCQ
 Question ID : 4335766516
 Option 1 ID : 43357626061
 Option 2 ID : 43357626062
 Option 3 ID : 43357626063
 Option 4 ID : 43357626064
 Status : Answered
 Chosen Option : B

Q.61 Arrange the following events of meiosis in correct sequence

- (1) Crossing over
 (2) Synapsis
 (3) Terminalisation of chiasmata
 (4) Disappearance

- Ans ☒ A. ii, i, iv, iii
☒ B. ii, i, iii, iv
☒ C. i, ii, iii, iv
☒ D. ii, iii, iv, i

Question Type : MCQ
 Question ID : 4335766565
 Option 1 ID : 43357626257
 Option 2 ID : 43357626258
 Option 3 ID : 43357626259
 Option 4 ID : 43357626260
 Status : Answered
 Chosen Option : B

Q.62 When a DNA fingerprint is created, what determines the size of each fragment?

- Ans ☒ A. the number of PCR cycles that are used
☒ B. the size of the individual's genome
☒ C. the number of times the repeating sequence is repeated in each STR region
☒ D. the age of the individual from whom the sample was taken

Question Type : MCQ
 Question ID : 4335766628
 Option 1 ID : 43357626509
 Option 2 ID : 43357626510
 Option 3 ID : 43357626511
 Option 4 ID : 43357626512
 Status : Answered
 Chosen Option : C

Q.63 Golden rice is a promising transgenic crop. When released for cultivation, it will help in

:

- Ans ☒ A. Producing a petrol-like fuel from rice
☒ B. Enrichment of Vitamin A
☒ C. Pest resistance
☒ D. Herbicide tolerance

Question Type : MCQ
 Question ID : 4335766481
 Option 1 ID : 43357625921
 Option 2 ID : 43357625922
 Option 3 ID : 43357625923
 Option 4 ID : 43357625924
 Status : Answered
 Chosen Option : B

Q.64 Which type of chromosome has a centromere displaced toward one end, creating a long arm and a short arm?

- Ans ☒ A. acrocentric
☒ B. metacentric
☒ C. paracentric
☒ D. submetacentric

Question Type : MCQ
 Question ID : 4335766587
 Option 1 ID : 43357626345
 Option 2 ID : 43357626346
 Option 3 ID : 43357626347
 Option 4 ID : 43357626348
 Status : Answered
 Chosen Option : A

Q.65 Which one of the following is both a gaseous and sedimentary cycle?

- Ans ☒ A. Carbon
☒ B. Nitrogen
☒ C. Sulphur
☒ D. Phosphorus

Question Type : MCQ
 Question ID : 4335766605
 Option 1 ID : 43357626417
 Option 2 ID : 43357626418
 Option 3 ID : 43357626419
 Option 4 ID : 43357626420
 Status : Answered
 Chosen Option : B

Q.66 A base sequence corresponding to particular amino-acid is

- Ans ☒ A. Genetic code
☒ B. Anticodon
☒ C. Codon
☒ D. +RNA

Question Type : MCQ
 Question ID : 4335766567
 Option 1 ID : 43357626265
 Option 2 ID : 43357626266
 Option 3 ID : 43357626267
 Option 4 ID : 43357626268
 Status : Answered
 Chosen Option : A

Q.67 The source of 'Smack' is :

- Ans ☒ A. Leaves of Cannabis sativa
☒ B. Flowers of Datura
☒ C. Fruits of Erythroxylum coca
☒ D. Latex of Papaver somniferum

Question Type : MCQ
 Question ID : 4335766506
 Option 1 ID : 43357626021
 Option 2 ID : 43357626022
 Option 3 ID : 43357626023
 Option 4 ID : 43357626024
 Status : Answered
 Chosen Option : A

Q.68 Castor oil is obtained from

- Ans ☒ A. Ricinus communis
☒ B. Brassica campestris
☒ C. Azadirachta indica
☒ D. Sesamum indicum

Question Type : MCQ
 Question ID : 4335766560
 Option 1 ID : 43357626237
 Option 2 ID : 43357626238
 Option 3 ID : 43357626239
 Option 4 ID : 43357626240
 Status : Answered
 Chosen Option : B

Q.69 The vegetation belt in the Himalayan region, with coniferous trees like pine, cedar, and spruce, is referred to as:

- Ans ☒ A. Taiga
☒ B. Alpine
☒ C. Deciduous Forest
☒ D. Savanna

Question Type : MCQ
 Question ID : 4335766607
 Option 1 ID : 43357626425
 Option 2 ID : 43357626426
 Option 3 ID : 43357626427
 Option 4 ID : 43357626428
 Status : Answered
 Chosen Option : C

Q.70 Which of the following plants is commonly used in traditional medicine to treat digestive disorders

- Ans ☒ A. Lavender
☒ B. Eucalyptus
☒ C. Peppermint
☒ D. Rosemary

Question Type : MCQ
 Question ID : 4335766562
 Option 1 ID : 43357626245
 Option 2 ID : 43357626246
 Option 3 ID : 43357626247
 Option 4 ID : 43357626248
 Status : Answered
 Chosen Option : B

Q.71 Eukaryotic cells may contain all of the following except:

- Ans ☒ A. photosynthetic pigments
☒ B. flagella.
☒ C. a nucleoid.
☒ D. ribosomes.

Question Type : MCQ
 Question ID : 4335766581
 Option 1 ID : 43357626321
 Option 2 ID : 43357626322
 Option 3 ID : 43357626323
 Option 4 ID : 43357626324
 Status : Answered
 Chosen Option : C

Q.72 The Commelinaceae family is commonly known as the

Ans ☒ A. spiderwort family

☒ B. aster family

☒ C. grass family

☒ D. lily family

Question Type : MCQ

Question ID : 4335766528

Option 1 ID : 43357626109

Option 2 ID : 43357626110

Option 3 ID : 43357626111

Option 4 ID : 43357626112

Status : Answered

Chosen Option : D

Q.73 What makes the rough endoplasmic reticulum rough?

Ans ☒ A. It is covered with cilia.

☒ B. It is covered with ribosomes

☒ C. Its surface is highly folded to increase surface area.

☒ D. It is covered with tiny flagella

Question Type : MCQ

Question ID : 4335766552

Option 1 ID : 43357626205

Option 2 ID : 43357626206

Option 3 ID : 43357626207

Option 4 ID : 43357626208

Status : Answered

Chosen Option : B

Q.74 Darwin's theory was unable to explain

Ans ☒ A. Natural selection

☒ B. Mutation

☒ C. Variation

☒ D. Reproductive isolation

Question Type : MCQ

Question ID : 4335766486

Option 1 ID : 43357625941

Option 2 ID : 43357625942

Option 3 ID : 43357625943

Option 4 ID : 43357625944

Status : Answered

Chosen Option : B

Q.75 Which statement is false regarding prokaryotic cells?

- Ans ☒ A. They have one or more circular loops or linear strands of DNA molecules
- ☒ B. They have lack a nucleus.
- ☒ C. They are always single-celled organisms that are invisible to the naked eye.
- ☒ D. They contain cytoplasm but never a plasma membrane

Question Type : MCQ
Question ID : 4335766580
Option 1 ID : 43357626317
Option 2 ID : 43357626318
Option 3 ID : 43357626319
Option 4 ID : 43357626320
Status : Answered
Chosen Option : C

Q.76 Hot spot areas have:

- Ans ☒ A. Low density of biodiversity
- ☒ B. Only endangered plants
- ☒ C. High density of hot springs
- ☒ D. High density of biodiversity

Question Type : MCQ
Question ID : 4335766547
Option 1 ID : 43357626185
Option 2 ID : 43357626186
Option 3 ID : 43357626187
Option 4 ID : 43357626188
Status : Answered
Chosen Option : D

Q.77 Choose the incorrect statement for shuttle vectors.

- Ans ☒ A. These are vector hybrids constructed from E.coli and other plasmids
- ☒ B. They are having a varied use
- ☒ C. They can replicate and selected in both the species
- ☒ D. They are the plasmids which are having naturally broad host range

Question Type : MCQ
Question ID : 4335766624
Option 1 ID : 43357626493
Option 2 ID : 43357626494
Option 3 ID : 43357626495
Option 4 ID : 43357626496
Status : Answered
Chosen Option : C

Q.78 The number of chloroplasts found in Arabidopsis thaliana is _____

- Ans ☒ A. 100
☒ B. 150
☒ C. 50
☒ D. 200

Question Type : MCQ
 Question ID : 4335766526
 Option 1 ID : 43357626101
 Option 2 ID : 43357626102
 Option 3 ID : 43357626103
 Option 4 ID : 43357626104
 Status : Answered
 Chosen Option : B

Q.79 VIRIIDS are-

- Ans ☒ A. Spindle tuber of potato
☒ B. Yellow mosaic of black gram
☒ C. Parasitic flowering plant
☒ D. All

Question Type : MCQ
 Question ID : 4335766494
 Option 1 ID : 43357625973
 Option 2 ID : 43357625974
 Option 3 ID : 43357625975
 Option 4 ID : 43357625976
 Status : Answered
 Chosen Option : A

Q.80 In plants, which one of the following helps in the absorption of phosphorus from soil ?

- Ans ☒ A. Glomus
☒ B. Rhizobium
☒ C. Frankia
☒ D. Anabaena

Question Type : MCQ
 Question ID : 4335766498
 Option 1 ID : 43357625989
 Option 2 ID : 43357625990
 Option 3 ID : 43357625991
 Option 4 ID : 43357625992
 Status : Answered
 Chosen Option : B

Q.81 Which one of the following is incorrect?

- Ans ☒ A. Energy flow in an ecosystem is unidirectional
- ☒ B. During the process of energy transfer from one trophic level to another, loss of energy occurs
- ☒ C. In an ecosystem, energy flow can be quantified.
- ☒ D. None

Question Type : MCQ
Question ID : 4335766606
Option 1 ID : 43357626421
Option 2 ID : 43357626422
Option 3 ID : 43357626423
Option 4 ID : 43357626424
Status : Answered
Chosen Option : B

Q.82 When do homologous regions of DNA in homologous chromosomes first make contact?

- Ans ☒ A. leptotene
- ☒ B. zygotene
- ☒ C. pachytene
- ☒ D. diplotene

Question Type : MCQ
Question ID : 4335766596
Option 1 ID : 43357626381
Option 2 ID : 43357626382
Option 3 ID : 43357626383
Option 4 ID : 43357626384
Status : Answered
Chosen Option : B

Q.83 Which of the given diseases is related to Potatoes?

- Ans ☒ A. Downy mildew
- ☒ B. Late blight
- ☒ C. Tikka
- ☒ D. Leaf rust

Question Type : MCQ
Question ID : 4335766499
Option 1 ID : 43357625993
Option 2 ID : 43357625994
Option 3 ID : 43357625995
Option 4 ID : 43357625996
Status : Answered
Chosen Option : B

Q.84 What was the new name of Beadle and Tatum's hypothesis after it was discovered that some enzymes were composed of more than one polypeptide chain?

- Ans ☒ A. the One Gene – One Enzyme hypothesis
- ☒ B. the One Gene – One Polypeptide hypothesis
- ☒ C. the One Polypeptide – One Enzyme hypothesis
- ☒ D. the One Polypeptide – One Gene hypothesis

Question Type : MCQ
Question ID : 4335766556
Option 1 ID : 43357626221
Option 2 ID : 43357626222
Option 3 ID : 43357626223
Option 4 ID : 43357626224
Status : Answered
Chosen Option : A

Q.85 Jute is obtained from

- Ans ☒ A. primary xylem
- ☒ B. primary phloem
- ☒ C. secondary xylem
- ☒ D. secondary phloem

Question Type : MCQ
Question ID : 4335766544
Option 1 ID : 43357626173
Option 2 ID : 43357626174
Option 3 ID : 43357626175
Option 4 ID : 43357626176
Status : Answered
Chosen Option : B

Q.86 Element present in nucleic acids, Phospholipids, ATP,ADP and NADPH is _____

- Ans ☒ A. P
- ☒ B. Na
- ☒ C. Bo
- ☒ D. Co

Question Type : MCQ
Question ID : 4335766618
Option 1 ID : 43357626469
Option 2 ID : 43357626470
Option 3 ID : 43357626471
Option 4 ID : 43357626472
Status : Answered
Chosen Option : A

Q.87 Casparian strips are found in

- Ans ☒ A. Epidermis
☒ B. Endodermis
☒ C. Exodermis
☒ D. Pericycle

Question Type : MCQ
 Question ID : 4335766541
 Option 1 ID : 43357626161
 Option 2 ID : 43357626162
 Option 3 ID : 43357626163
 Option 4 ID : 43357626164
 Status : Answered
 Chosen Option : B

Q.88 Canker disease in citrus fruits is caused by:

- Ans ☒ A. Fungi
☒ B. Xanthomonas citri subsp
☒ C. Bacteria
☒ D. Virus

Question Type : MCQ
 Question ID : 4335766522
 Option 1 ID : 43357626085
 Option 2 ID : 43357626086
 Option 3 ID : 43357626087
 Option 4 ID : 43357626088
 Status : Answered
 Chosen Option : B

Q.89 The medicinally most important part of Rauwolfia serpentina is

- Ans ☒ A. root
☒ B. rhizome
☒ C. aerial stem
☒ D. all of these

Question Type : MCQ
 Question ID : 4335766543
 Option 1 ID : 43357626169
 Option 2 ID : 43357626170
 Option 3 ID : 43357626171
 Option 4 ID : 43357626172
 Status : Answered
 Chosen Option : C

Q.90 Which organelle is responsible for degrading waste within the cell?

- Ans ☒ A. Golgi apparatus
- ☒ B. lysosome
- ☒ C. endoplasmic reticulum
- ☒ D. ribosome

Question Type : MCQ
Question ID : 4335766551
Option 1 ID : 43357626201
Option 2 ID : 43357626202
Option 3 ID : 43357626203
Option 4 ID : 43357626204
Status : Answered
Chosen Option : B

Q.91 Who is known as father of DNA-finger printing:-

- Ans ☒ A. Alec Jeffreys
- ☒ B. Carry Mullis
- ☒ C. Laljee Singh
- ☒ D. None of these

Question Type : MCQ
Question ID : 4335766579
Option 1 ID : 43357626313
Option 2 ID : 43357626314
Option 3 ID : 43357626315
Option 4 ID : 43357626316
Status : Answered
Chosen Option : C

Q.92 In the following question two statements are given – one labelled as Assertion (A) and the other labelled as Reason (R). Select the correct answer to these questions from the codes (A), (B), (C) and (D) as given below.

Assertion (A) : All the events starting from pollen landing on stigma till pollen tube entering the ovule are included in pollen-pistil interaction.

Reason (R) : Pollen-pistil interaction ensures that only suitable pollens germinate on the stigma.

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

Question Type : MCQ
Question ID : 4335766485
Option 1 ID : 43357625937
Option 2 ID : 43357625938
Option 3 ID : 43357625939
Option 4 ID : 43357625940
Status : Answered
Chosen Option : A

Q.93 The Wetlands of East Kolkata have been declared as

- Ans ☐ A. Tourist site
☐ B. Biodiversity site
☐ C. World Heritage Site
☒ D. Ramsar Site

Question Type : MCQ
 Question ID : 4335766569
 Option 1 ID : 43357626273
 Option 2 ID : 43357626274
 Option 3 ID : 43357626275
 Option 4 ID : 43357626276
 Status : Answered
 Chosen Option : C

Q.94 What is the term given to a duplicate specimen of original type

- Ans ☐ A. Lectotype
☐ B. Holotype
☒ C. Isotype
☐ D. Neotype

Question Type : MCQ
 Question ID : 4335766514
 Option 1 ID : 43357626053
 Option 2 ID : 43357626054
 Option 3 ID : 43357626055
 Option 4 ID : 43357626056
 Status : Answered
 Chosen Option : C

Q.95 The reaction of the Kreb's cycle

- Ans ☐ A. take place in the cytosol of eukaryotic cells
☐ B. generate ATP also by substrate phosphorylation
☐ C. are important for the metabolism of corbohydrates but not other molecules
☒ D. both a and b

Question Type : MCQ
 Question ID : 4335766578
 Option 1 ID : 43357626309
 Option 2 ID : 43357626310
 Option 3 ID : 43357626311
 Option 4 ID : 43357626312
 Status : Answered
 Chosen Option : D

Q.96 How do paleontologists determine the age of a fossil?

- Ans ☒ A. By carbon dating
- ☒ B. By examining the rock layers surrounding the fossil
- ☒ C. By analyzing the DNA of the fossil
- ☒ D. By measuring the size of the fossil

Question Type : MCQ
Question ID : 4335766529
Option 1 ID : 43357626113
Option 2 ID : 43357626114
Option 3 ID : 43357626115
Option 4 ID : 43357626116
Status : Answered
Chosen Option : A

Q.97 Which cereal crop is a significant source of starch, often used in various food products and industrial processes?

- Ans ☒ A. Oats
- ☒ B. Barley
- ☒ C. Wheat
- ☒ D. Rye

Question Type : MCQ
Question ID : 4335766563
Option 1 ID : 43357626249
Option 2 ID : 43357626250
Option 3 ID : 43357626251
Option 4 ID : 43357626252
Status : Answered
Chosen Option : B

Q.98 Asexual fruiting bodies have name such as _____

- Ans ☒ A. Perithecium
- ☒ B. Pycnidium
- ☒ C. Antheridium
- ☒ D. Apothecium

Question Type : MCQ
Question ID : 4335766521
Option 1 ID : 43357626081
Option 2 ID : 43357626082
Option 3 ID : 43357626083
Option 4 ID : 43357626084
Status : Answered
Chosen Option : D

Q.99 The transfer of pollen from the anther to stigma is called

- Ans ☒ A. Pollination
☒ B. Fertilization
☒ C. Adoption
☒ D. Diffusion

Question Type : MCQ
 Question ID : 4335766548
 Option 1 ID : 43357626189
 Option 2 ID : 43357626190
 Option 3 ID : 43357626191
 Option 4 ID : 43357626192
 Status : Answered
 Chosen Option : A

Q.10 Difference between the natural system of plant classification and artificial system of classification is

- Ans ☒ A. Considers only one vegetative character
☒ B. Considers all the similarities between plants
☒ C. Considers only one floral character
☒ D. All of these

Question Type : MCQ
 Question ID : 4335766525
 Option 1 ID : 43357626097
 Option 2 ID : 43357626098
 Option 3 ID : 43357626099
 Option 4 ID : 43357626100
 Status : Answered
 Chosen Option : D

Section : Part II

Q.10 The difficulty with evaluation is that it is often confused with assessment. Assessments are used as

- Ans ☒ A. teaching aids
☒ B. tools to evaluation
☒ C. teaching methods
☒ D. guidelines

Question Type : MCQ
 Question ID : 4335763973
 Option 1 ID : 43357615889
 Option 2 ID : 43357615890
 Option 3 ID : 43357615891
 Option 4 ID : 43357615892
 Status : Answered
 Chosen Option : B

Q.10 Which element of the teaching process is the first step that is required before other 2 elements could take place?

Ans ☒ A. Comprehension

☐ B. Instruction

☐ C. Reflective evaluation

☐ D. Transformation

Question Type : MCQ

Question ID : 4335764332

Option 1 ID : 43357617325

Option 2 ID : 43357617326

Option 3 ID : 43357617327

Option 4 ID : 43357617328

Status : Answered

Chosen Option : B

Q.10 Which of the following are the factors related to learning that affect learning?

- 3 (i). Learner's level of motivation to aspire and achievement
(ii). readiness and will power of the learner
(iii). Basic competence of the learner
(iv). Physical and mental health of the learner
(v). Personality characteristics and behaviour of the teacher

Ans ☐ A. (i), (ii), (v) only

☒ B. (i), (ii), (iii) and (iv) only

☐ C. Only (iii) and (v)

☐ D. Only (iii), (iv) and (v)

Question Type : MCQ

Question ID : 4335764338

Option 1 ID : 43357617349

Option 2 ID : 43357617350

Option 3 ID : 43357617351

Option 4 ID : 43357617352

Status : Answered

Chosen Option : A

Q.10 A systematic training to provide feedback to teacher-trainee for the modification of 4 teacher behaviour is

Ans ☐ A. remedial teaching

☐ B. diagnostic testing

☒ C. micro teaching

☐ D. lesson planning

Question Type : MCQ

Question ID : 4335763749

Option 1 ID : 43357614993

Option 2 ID : 43357614994

Option 3 ID : 43357614995

Option 4 ID : 43357614996

Status : Answered

Chosen Option : C

Q.10 Boss is right is the feature of
5

- Ans ☒ A. Instructional administration
☒ B. Authoritarian administration
☒ C. Democratic administration
☒ D. Laissez Faire administration

Question Type : MCQ
 Question ID : 4335763899
 Option 1 ID : 43357615593
 Option 2 ID : 43357615594
 Option 3 ID : 43357615595
 Option 4 ID : 43357615596
 Status : Answered
 Chosen Option : B

Q.10 The method of teaching at reflective level is
6

- Ans ☒ A. teacher centered
☒ B. learner centered
☒ C. problem-solving centered
☒ D. subject centered

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

Q.10 Learning may be:
7

- Ans ☒ A. Formal
☒ B. Informal
☒ C. Formal & Informal
☒ D. None of these

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

Q.10 Which of the following is not considered approach in teaching tearing process?

8

- Ans ☒ A. Conceptual
☒ B. Integrated
☒ C. Autocratic
☒ D. Process

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

Q.10 Subject Centered designs revolve around:

9

- Ans ☒ A. Content
☒ B. Learner
☒ C. Social values
☒ D. Social problems

Question Type : MCQ
 Question ID : 4335764219
 Option 1 ID : 43357616873
 Option 2 ID : 43357616874
 Option 3 ID : 43357616875
 Option 4 ID : 43357616876
 Status : Answered
 Chosen Option : D

Q.11 Nalini wants to introduce the topic on 'Animals-our friends' to class III students. In order to introduce the topic more interestingly, the best teaching strategy would be to

0

- Ans ☒ A. ask the students to see pictures of animals given in the textbook
☒ B. use a chart showing pictures of different animals
☒ C. draw pictures of different animals on the black-board
☒ D. show a video film on animals and their usefulness

Question Type : MCQ
 Question ID : 4335763632
 Option 1 ID : 43357614525
 Option 2 ID : 43357614526
 Option 3 ID : 43357614527
 Option 4 ID : 43357614528
 Status : Answered
 Chosen Option : D

Q.11 Which of the following characterizes as well-motivated lesson?

1

- Ans ☐ A. The class is quit
- ☐ B. The teacher can leave the pupils to attend to some activities
- ☒ C. Here are varied procedures and activities undertaken by the pupils
- ☐ D. The children have something to do

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

Q.11 The basic objective of educational excursion in EVS is

2

- Ans ☐ A. to develop the energy of children
- ☒ B. first hand experience to the students
- ☐ C. promote socialization
- ☐ D. promote team spirit

Question Type : MCQ
Question ID : 4335763638
Option 1 ID : 43357614549
Option 2 ID : 43357614550
Option 3 ID : 43357614551
Option 4 ID : 43357614552
Status : Answered
Chosen Option : B

Q.11 After selecting a topic, teacher should

3

- Ans ☐ A. rest for a while
- ☒ B. do the planning of the chapter
- ☐ C. concentrate on student's evaluation
- ☐ D. deliver information to students

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

Q.11 The purpose of the evaluation is to make a judgment about educational...
4

- Ans ☒ A. Quantity
☒ B. Quality
☒ C. Time Period
☒ D. Age

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

Q.11 The aim of micro-teaching is
5

- Ans ☒ A. to create simulated situations
☒ B. to strengthen educational institutions
☒ C. to modify student behavior
☒ D. to modify teacher behaviour

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

Q.11 For guiding children, the teacher can play an important role provided he has the right
6 attitude as a teacher towards

- Ans ☒ A. his/her colleagues
☒ B. his/her pupils
☒ C. the society
☒ D. the school

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

Q.11 In permissive style of teaching strategy,
7

- Ans ☒ A. only teachers remain active in teaching
☒ B. only students remain active in teaching
☒ C. Both [a] and [b]
☒ D. None of the above

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

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 Category of objects that shares common properties is called
9

- Ans ☒ A. Attribute
☒ B. Rule
☒ C. Concept
☒ D. Fact

Question Type : MCQ
 Question ID : 4335763489
 Option 1 ID : 43357613953
 Option 2 ID : 43357613954
 Option 3 ID : 43357613955
 Option 4 ID : 43357613956
 Status : Answered
 Chosen Option : A

Q.12 The teacher, in order to dedicate himself to the welfare of his students, should truthfully
0 disseminate his expert service solely for

- Ans ☒ A. good results
- ☒ B. the benefit of his students
- ☒ C. his promotion
- ☒ D. increase in salary

Question Type : MCQ
Question ID : 4335763989
Option 1 ID : 43357615953
Option 2 ID : 43357615954
Option 3 ID : 43357615955
Option 4 ID : 43357615956
Status : Answered
Chosen Option : B

Q.12 Who first adopted Micro teaching techniques?
1

- Ans ☒ A. Dwight . W. Allen
- ☒ B. Dwight Waldo
- ☒ C. Michael Brown
- ☒ D. Stanley John

Question Type : MCQ
Question ID : 4335763785
Option 1 ID : 43357615137
Option 2 ID : 43357615138
Option 3 ID : 43357615139
Option 4 ID : 43357615140
Status : Answered
Chosen Option : A

Q.12 Supervision should be primarily
2

- Ans ☒ A. Privative and critical
- ☒ B. Preventive and corrective
- ☒ C. Constructive and creative
- ☒ D. Construction and critical

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

Q.12 Which of the following statement is true of an effective teacher?
3

- Ans ☒ A. He must be biased and try to influence the learners in accordance with his personal views
☒ B. His education is completed when he is certified to teach
☒ C. He should not take into consideration the interests, abilities and limitations of the learner
☒ D. He should understand human developmental patterns

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

Q.12 The hypothesis underlying team teaching is.....
4

- Ans ☒ A. Teachers feel bore while working alone
☒ B. Teachers are not competent
☒ C. The best teachers in schools are shared by more students
☒ D. The single teacher cannot control the class

Question Type : MCQ
Question ID : 4335763664
Option 1 ID : 43357614653
Option 2 ID : 43357614654
Option 3 ID : 43357614655
Option 4 ID : 43357614656
Status : Answered
Chosen Option : C

Q.12 Education can be best described as
5

- Ans ☒ A. the process of flowering the innocent minds
☒ B. the process of indoctrinating the religious dogmas, among students
☒ C. the emotional development of students
☒ D. the intellectual development of students

Question Type : MCQ
Question ID : 4335764044
Option 1 ID : 43357616173
Option 2 ID : 43357616174
Option 3 ID : 43357616175
Option 4 ID : 43357616176
Status : Answered
Chosen Option : D

Q.12 Curriculum effectiveness is determined by:
6

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

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

Q.12 Which tools of summative evaluation are frequently used?
7

- Ans ☒ A. Daily assignment
☒ B. Oral questioning
☒ C. Teacher observation
☒ D. Test

Question Type : MCQ
Question ID : 4335764156
Option 1 ID : 43357616621
Option 2 ID : 43357616622
Option 3 ID : 43357616623
Option 4 ID : 43357616624
Status : Answered
Chosen Option : D

Q.12 A/An _____ assessment is one which measures what it is intended to measure.
8

- Ans ☒ A. valid
☒ B. invalid
☒ C. reliable
☒ D. unreliable

Question Type : MCQ
Question ID : 4335764091
Option 1 ID : 43357616361
Option 2 ID : 43357616362
Option 3 ID : 43357616363
Option 4 ID : 43357616364
Status : Answered
Chosen Option : C

Q.12 The main purpose of the evaluation is to make:

9

- Ans ☒ A. Judgment
☒ B. Opinion
☒ C. Prediction
☒ D. Decision

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

Q.13 The lowest level of learning in cognitive domain is

0

- Ans ☒ A. Comprehension
☒ B. Application
☒ C. Knowledge
☒ D. Synthesis

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

Section : Part III

Q.13 Which of the following chemicals is responsible for ozone layer depletion?

1

- Ans ☒ A. Methanol
☒ B. Bi polymer
☒ C. Polyvinyl Chloride
☒ D. Chlorofluorocarbons

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

Q.13 A alone can do a piece of work in 10 days and B alone can do it in 15 days. In how many
2 days will A and B together do the same work?

Ans ☒ A. 5

☒ B. 6

☒ C. 8

☒ D. 9

Question Type : MCQ

Question ID : 4335764725

Option 1 ID : 43357618897

Option 2 ID : 43357618898

Option 3 ID : 43357618899

Option 4 ID : 43357618900

Status : Answered

Chosen Option : A

Q.13 A system which is based on blood affinity relationship is called
3

Ans ☒ A. Family

☒ B. Gotra

☒ C. Kinship

☒ D. Joint family

Question Type : MCQ

Question ID : 4335764502

Option 1 ID : 43357618005

Option 2 ID : 43357618006

Option 3 ID : 43357618007

Option 4 ID : 43357618008

Status : Answered

Chosen Option : A

Q.13 Which one of the following is not correct about the Indian Independence Act, 1947?
4

Ans ☒ A. The Bill for the Indian Independence Act was introduced in Parliament on July 4 and received the Royal Assent on July 18, 1947.

☒ B. Act of 1947 laid down the basic framework of the Indian Constitution.

☒ C. The Act provided for the establishment of two independent Dominions to be known as India and Pakistan.

☒ D. The Act empowered the Constituent Assembly of each Dominion to have unlimited power to frame and adopt any constitution.

Question Type : MCQ

Question ID : 4335764445

Option 1 ID : 43357617777

Option 2 ID : 43357617778

Option 3 ID : 43357617779

Option 4 ID : 43357617780

Status : Answered

Chosen Option : A

Q.13 _____ is the energy that is present in object due to its motion or position.
5

Ans ☒ A. mechanical energy

☐ B. light energy

☐ C. heat energy

☐ D. none of these

Question Type : MCQ

Question ID : 4335764544

Option 1 ID : 43357618173

Option 2 ID : 43357618174

Option 3 ID : 43357618175

Option 4 ID : 43357618176

Status : Answered

Chosen Option : D

Q.13 Gopal pointed to Govinda and said, His father is the only son of my father. How is
6 Govinda related to Gopal?

Ans ☐ A. Brother

☒ B. Son

☐ C. Grand Father

☐ D. Grand son

Question Type : MCQ

Question ID : 4335764886

Option 1 ID : 43357619541

Option 2 ID : 43357619542

Option 3 ID : 43357619543

Option 4 ID : 43357619544

Status : Answered

Chosen Option : D

Q.13 Consider the following statements and identify the incorrect one?
7

Ans ☐ A. kwashiorkor is caused due to deficiency of protein

☐ B. marasmus is caused due to carbohydrates and fats

☒ C. tetanus and cholera is bacteria and water borne disease

☐ D. polio and hepatitis are caused by virus

Question Type : MCQ

Question ID : 4335764568

Option 1 ID : 43357618269

Option 2 ID : 43357618270

Option 3 ID : 43357618271

Option 4 ID : 43357618272

Status : Answered

Chosen Option : C

Q.13 What is the mean of the range , mode and median of the data given below ?
8 5,10,3,6,4,8,9,3,15,2,9,4,19,11,4

- Ans ☒ A. 8,
☒ B. 9
☒ C. 10
☒ D. 12

Question Type : MCQ
Question ID : 4335764796
Option 1 ID : 43357619181
Option 2 ID : 43357619182
Option 3 ID : 43357619183
Option 4 ID : 43357619184
Status : Answered
Chosen Option : A

Q.13 Five books of height 7 cm 5 mm each are stacked over one another. What is the total
9 height so obtained?

- Ans ☒ A. 35 cm 7 mm
☒ B. 35 cm 5 mm
☒ C. 37 cm 7 mm
☒ D. 37 cm 5 mm

Question Type : MCQ
Question ID : 4335764714
Option 1 ID : 43357618853
Option 2 ID : 43357618854
Option 3 ID : 43357618855
Option 4 ID : 43357618856
Status : Answered
Chosen Option : D

Q.14 Bay of pigs' is associated with which crisis during the cold war ?
0

- Ans ☒ A. Cuban Missile
☒ B. Hungary
☒ C. Korea
☒ D. Suez Canal

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

Q.14 Consider the following :

1. Pyroclastic debris
2. Ash and dust
3. Nitrogen compounds
4. Sulphur compounds

How many of the above are products of volcanic eruptions?

- Ans ☒ A. Only one
- ☒ B. Only two
- ☒ C. Only three
- ☒ D. All four

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

Q.14 If we rotate a right angled triangle of height 5 cm and base 3 cm about its height a full turn, we get.....

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

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

Q.14 If PINK is coded as 1691411, then RED will be coded as -

- Ans ☒ A. 1963
- ☒ B. 1854
- ☒ C. 1853
- ☒ D. 1954

Question Type : MCQ
Question ID : 4335764757
Option 1 ID : 43357619025
Option 2 ID : 43357619026
Option 3 ID : 43357619027
Option 4 ID : 43357619028
Status : Answered
Chosen Option : B

Q.14 Which one of the following is located in the Bastar region?
4

- Ans ☒ A. Bandhavgarh National Park
☒ B. Dandeli Sanctuary
☒ C. Rajaji National Park
☒ D. Indravati National Park

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

Q.14 Which among the following is/are the objective(s) of setting up of Planning Commission
5 in the 1950s in India ?
1.To increase production and offering opportunities to all for employment
2.To make assessment of all resources of the country

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

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

Q.14 A group of 1200 persons consisting of boys and girls is travelling in a Bus. For every 15
6 boys there is one girl. The number of girls in the group is ?

- Ans ☒ A. 60
☒ B. 65
☒ C. 70
☒ D. 75

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

Q.14 Which one of the following organizations was established in 1942 by the leftist women leader in Bengal?

- Ans ☒ A. Mahila Sudharna Samiti
☒ B. Mahila Samajwadi Samiti
☒ C. Mahila Suraksha Samiti
☒ D. Mahila Atmarakshan Samiti

Question Type : MCQ
 Question ID : 4335764364
 Option 1 ID : 43357617453
 Option 2 ID : 43357617454
 Option 3 ID : 43357617455
 Option 4 ID : 43357617456
 Status : Answered
 Chosen Option : B

Q.14 Five person are sitting in a row facing you in such a way that D is to the left of C and B is to the right of E, A is to the right of C and B is to the left of D, E is at one end of the row. Then who is sitting exactly in the middle of the row ?

- Ans ☒ A. A
☒ B. B
☒ C. C
☒ D. D

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

Q.14 In the given letter series what letter will come in place of the question Symbol.

- 9 KPL, ISH, GVD, ?
 Ans ☒ A. EYZ
☒ B. FXZ
☒ C. ZYW
☒ D. EXZ

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

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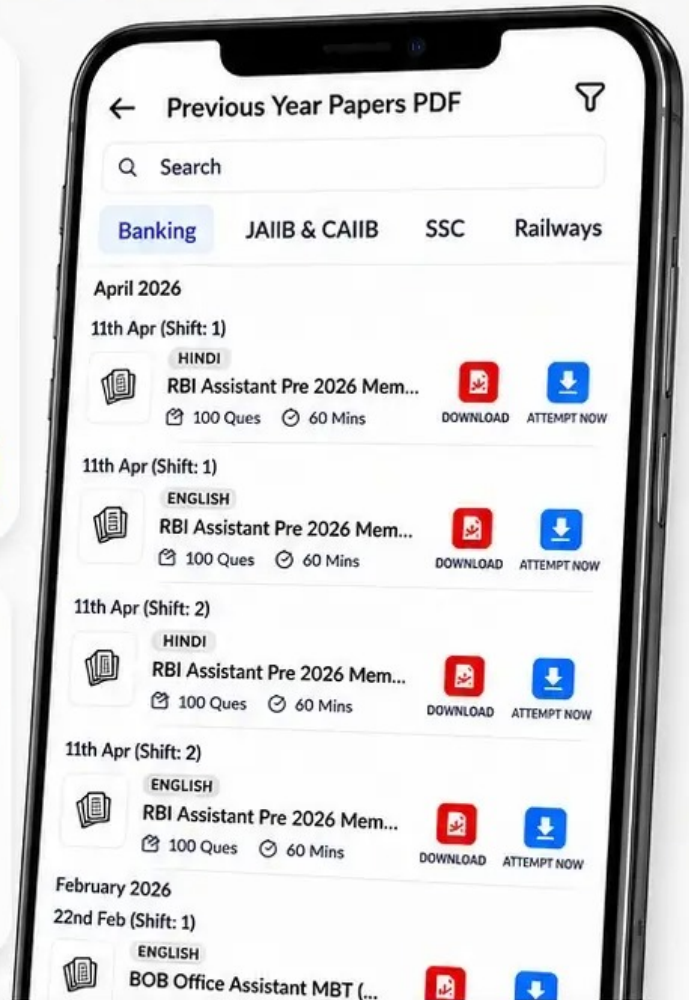
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Q.15 Choose the correct option instead of the question mark in the given question.

0

BEAR : DCCP :: MART : ?

Ans ☒ A. NCTV

☒ B. OCTV

☒ C. OYTV

☒ D. OYTR

Question Type : MCQ

Question ID : 4335764843

Option 1 ID : 43357619369

Option 2 ID : 43357619370

Option 3 ID : 43357619371

Option 4 ID : 43357619372

Status : Answered

Chosen Option : D

