Govt of Himachal Pradesh
Himachal Pradesh Rajya Chayan Aayog
हिमाचल प्रदेश राज्य चयन आयोग

Assessment Name	Recruitment for the post of Trained Graduate
Application Id	
Roll No	
Applicant Name	
Category	
Exam Date	
Shift	
Candidate Application Photograph	
Candidate Exam Day Photograph	15.12.2025 (3RD SHIFT)

Section : **Trained Graduate Teacher Medical**

Q.1 **Which of the following shows an increase across a period from left to right in the periodic table?**

Ans
- ✗ A. Metallic characterincreasessteadily
- ✗ B. Atomic radius increases steadily
- ✓ C. Electronegativity increases steadily
- ✗ D. Atomic number decreases steadily

Question Type : **MCQ**
Question ID : **4410091491725**
Option 1 ID : **4410095892655**
Option 2 ID : **4410095892654**
Option 3 ID : **4410095892656**
Option 4 ID : **4410095892657**
Status : **Answered A**
Chosen Option :

Q.2 **Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.**

of / the / ancient / a / ruins / remnants / civilisation / discovered / were

Ans
- ✗ A. Theancientruinswerediscovered remnants of a civilisation.
- ✓ B. Ancient ruins discovered were the remnants of a civilisation.
- ✗ C. Discovered were the remnants of a civilisation ancient ruins.
- ✗ D. Were discovered remnants of the ancient ruins a civilisation.

Question Type : **MCQ**
Question ID : **4410091112401**
Option 1 ID : **4410094385693**
Option 2 ID : **4410094385695**
Option 3 ID : **4410094385696**
Option 4 ID : **4410094385694**
Status : **Answered A**
Chosen Option :

Q.3 **If a female plant is tetraploid and it is crossed with a normal diploid male plant, what will be the ploidy of endosperm and zygote, respectively, after double fertilisation?**

Ans
- ✗ A. Endosperm will be triploid and Zygote will be pentaploid
- ✗ B. Endosperm will be triploid and Zygote will be diploid
- ✓ C. Endosperm will be pentaploid and Zygote will be triploid.
- ✗ D. Endosperm will be tetraploid and Zygote will be pentaploid

Question Type : **MCQ**
Question ID : **4410091501050**
Option 1 ID : **4410095928651**
Option 2 ID : **4410095928653**
Option 3 ID : **4410095928650**
Option 4 ID : **4410095928652**
Status : **Answered B**
Chosen Option :

Q.4 **Who among the following was appointed as Chairman of Central Board of Direct taxes (CBDT) in June 2024?**

Ans
- ✗ A. Monoj KumarPandey
- ✓ B. Ravi Agrawal
- ✗ C. Radha Raturi
- ✗ D. JB Mohapatra

Question Type : **MCQ**
Question ID : **441009704589**
Option 1 ID : **4410092772387**
Option 2 ID : **4410092772386**
Option 3 ID : **4410092772389**
Option 4 ID : **4410092772388**
Status : **Answered A**
Chosen Option :

Q.5 **Which of the following is the SI unit for measuring time?**

Ans
- ✗ A. Kilogram
- ✗ B. Joule
- ✗ C. Metre
- ✓ D. Second

Question Type : **MCQ**
Question ID : **441009624152**
Option 1 ID : **4410092450742**
Option 2 ID : **4410092450743**
Option 3 ID : **4410092450740**
Option 4 ID : **4410092450741**
Status : **Answered D**
Chosen Option :

Q.6 **Snow is formed due to the process of:**

Ans
- ✗ A. evaporation
- ✗ B. sublimation
- ✗ C. melting
- ✓ D. deposition

Question Type : **MCQ**
Question ID : **441009625329**
Option 1 ID : **4410092455449**
Option 2 ID : **4410092455448**
Option 3 ID : **4410092455451**
Option 4 ID : **4410092455450**
Status : **Answered D**
Chosen Option :

Q.7 **The Baner Hydroelectric Project is located in which district?**

Ans
- ✗ A. Mandi
- ✗ B. Chamba
- ✗ C. Kinnaur
- ✓ D. Kangra

Question Type : **MCQ**
Question ID : **4410091540536**
Option 1 ID : **4410096085445**
Option 2 ID : **4410096085446**
Option 3 ID : **4410096085444**
Option 4 ID : **4410096085443**
Status : **Answered A**
Chosen Option :

Q.8 **Which of the following organs in the human body is primarily responsible for filtering blood?**

Ans
- ✗ A. Spleen
- ✗ B. Liver
- ✓ C. Kidney
- ✗ D. Pancreas

Question Type : **MCQ**
Question ID : **441009644140**
Option 1 ID : **4410092530749**
Option 2 ID : **4410092530746**
Option 3 ID : **4410092530747**
Option 4 ID : **4410092530748**
Status : **Answered A**
Chosen Option :

Q.9 **The Sawra Kuddu Hydroelectric Project (HEP) is located on which river?**

Ans
- ✓ A. PabbarRiver
- ✗ B. Sutlej River
- ✗ C. Ravi River
- ✗ D. Beas River

Question Type : **MCQ**
Question ID : **4410091445034**
Option 1 ID : **4410095708735**
Option 2 ID : **4410095708733**
Option 3 ID : **4410095708736**
Option 4 ID : **4410095708734**

Status : **Answered A**
Chosen Option :

Q.10 **The class Amphibia is divided into how many living orders?**

Ans
✗ A. Four
✓ B. Three
✗ C. Five
✗ D. Two

Question Type : **MCQ**
Question ID : **4410091497563**
Option 1 ID : **4410095915356**
Option 2 ID : **4410095915355**
Option 3 ID : **4410095915357**
Option 4 ID : **4410095915354**
Status : **Answered C**
Chosen Option :

Q.11 **Which stage in the life cycle of Basidiomycetes is typically prolonged and dominant?**

Ans
✗ A. Haploid stage
✗ B. Diploid stage
✓ C. Dikaryotic stage
✗ D. Monokaryotic stage

Question Type : **MCQ**
Question ID : **4410091490154**
Option 1 ID : **4410095886631**
Option 2 ID : **4410095886632**
Option 3 ID : **4410095886630**
Option 4 ID : **4410095886629**
Status : **Answered B**
Chosen Option :

Q.12 **Which class of algae is characterised by the presence of r-phycoerythrin pigments?**

Ans
✗ A. Green algae B.
✗ Brown algae C.
✗ Yellow-Green algae
✓ D. Red algae

Question Type : **MCQ**
Question ID : **4410091488311**
Option 1 ID : **4410095879412**
Option 2 ID : **4410095879414**
Option 3 ID : **4410095879415**
Option 4 ID : **4410095879413**
Status : **Answered D**
Chosen Option :

Q.13 **Phytogeography is also known as _______.**

Ans
✓ A. botanical geography
✗ B. ecosystem ecology
✗ C. forest geography
✗ D. ecological niche

Question Type : **MCQ**
Question ID : **4410091516992**
Option 1 ID : **4410095991357**
Option 2 ID : **4410095991359**
Option 3 ID : **4410095991358**
Option 4 ID : **4410095991360**
Status : **Answered B**
Chosen Option :

Q.14 **Birds possess exceptional vision because of:**

Ans
✓ A. Pectenand doublefovea
✗ B. Presence of rod cells only
✗ C. Large olfactory bulbs
✗ D. Absence of cones

Question Type : **MCQ**
Question ID : **4410091516924**
Option 1 ID : **4410095991086**
Option 2 ID : **4410095991085**
Option 3 ID : **4410095991087**
Option 4 ID : **4410095991088**
Status : **Answered A**
Chosen Option :

Q.15 **The poison gland of snakes is a modification of which structure?**

Ans
✓ A. Parotid salivarygland
✗ B. Thyroid gland
✗ C. Pituitary gland
✗ D. Pancreas

Question Type : **MCQ**
Question ID : **4410091497668**
Option 1 ID : **4410095915692**
Option 2 ID : **4410095915693**
Option 3 ID : **4410095915694**
Option 4 ID : **4410095915695**
Status : **Answered A**
Chosen Option :

Q.16 **Why is the girdling experiment performed?**

Ans
✓ A. It is performed to demonstrate the role of xylem in transport of water and minerals, and that of phloem in food transport.
✗ B. It is performed to demonstrate the role of phloem in transport of water and minerals, and that of xylem in food transport.
✗ C. It is performed to demonstrate the role of phloem and xylem in food transport.
✗ D. It is performed to demonstrate the role of phloem and xylem in transport of water and minerals.

Question Type : **MCQ**
Question ID : **4410091503827**
Option 1 ID : **4410095939578**
Option 2 ID : **4410095939576**
Option 3 ID : **4410095939577**
Option 4 ID : **4410095939579**
Status : **Answered A**
Chosen Option :

Q.17 **In the nitration of benzene, which of the following is the true electrophile that attacks the aromatic ring?**

Ans
✗ A. NO_3^-
✓ B. NO_2^+
✗ C. HNO_3
✗ D. NO_2

Question Type : **MCQ**
Question ID : **4410091488218**
Option 1 ID : **4410095879023**
Option 2 ID : **4410095879021**
Option 3 ID : **4410095879022**
Option 4 ID : **4410095879020**
Status : **Answered A**
Chosen Option :

Q.18 **Select the option that correctly describes the given group of words/phrase.**
A type of small fish

Ans
✗ A. Marlin
✓ B. Minnow
✗ C. Barracuda
✗ D. Halibut

Question Type : **MCQ**
Question ID : **441009203650**
Option 1 ID : **441009801111**
Option 2 ID : **441009801108**
Option 3 ID : **441009801109**
Option 4 ID : **441009801110**
Status : **Answered**
Chosen Option : **B**

Q.19 **Which of the following best describes the body symmetry of Platyhelminthes?**

Ans
✗ A. Asymmetrical
✗ B. Biradial symmetry
✗ C. Radial symmetry
✓ D. Bilateral symmetry

Question Type : **MCQ**
Question ID : **4410091491150**
Option 1 ID : **4410095890390**
Option 2 ID : **4410095890393**
Option 3 ID : **4410095890391**
Option 4 ID : **4410095890392**
Status : **Answered D**
Chosen Option :

Q.20 **Which copper-containing enzyme oxidises ferrous ions (Fe^{2+}) to ferric ions (Fe^{3+})?**

Ans
✗ A. Superoxidedismutase
✓ B. Ceruloplasmin
✗ C. Cytochrome c oxidase
✗ D. Catalase

Question Type : **MCQ**
Question ID : **4410091511664**
Option 1 ID : **4410095970725**
Option 2 ID : **4410095970727**
Option 3 ID : **4410095970726**
Option 4 ID : **4410095970728**
Status : **Answered A**
Chosen Option :

Q.21 **What is the main aim of inclusive education policies?**

Ans
✓ A. Equalparticipation
✗ B. Segregation
✗ C. Exclusion
✗ D. Competition

Question Type : **MCQ**
Question ID : **4410091522494**
Option 1 ID : **4410096013099**
Option 2 ID : **4410096013098**
Option 3 ID : **4410096013101**
Option 4 ID : **4410096013100**
Status : **Answered A**
Chosen Option :

Q.22 **Which condition favors the initiation step in a free radical chain reaction?**

Ans
✗ A. Absence of lightand heat
✗ B. Addition of radical inhibitors like hydroquinone
✗ C. Presence of strong acid catalyst
✓ D. Exposure to UV radiation or high temperature

Question Type : **MCQ**
Question ID : **4410091486526**
Option 1 ID : **4410095872525**
Option 2 ID : **4410095872526**
Option 3 ID : **4410095872523**
Option 4 ID : **4410095872524**
Status : **Answered C**
Chosen Option :

Q.23 **Banks earn a spread because:**

Ans
✗ A. Theyrefusetopayinterest to any depositor
✗ B. Borrowers return double the loan amount
✓ C. They charge a higher interest on loans than they pay on deposits.
✗ D. RBI pays them interest on every loan

Question Type : **MCQ**
Question ID : **4410091500241**
Option 1 ID : **4410095925831**
Option 2 ID : **4410095925833**
Option 3 ID : **4410095925830**
Option 4 ID : **4410095925832**
Status : **Answered A**
Chosen Option :

Q.24 **Which of the following parts of the sporophyte of the *Funeria* bears stomata and performs photosynthesis?**

Ans
✗ A. Seta of the sporophyte
✗ B. Theca of the capsule
✓ C. Apophysis of the capsule
✗ D. Foot of the sporophyte

Question Type : **MCQ**
Question ID : **4410091492706**
Option 1 ID : **4410095896510**
Option 2 ID : **4410095896512**
Option 3 ID : **4410095896511**
Option 4 ID : **4410095896509**
Status : **Answered C**
Chosen Option :

Q.25 **Arrange the elements Li, Na, K, and Rb in order of decreasing first ionization energy. Which of the following orders is correct?**

Ans
✗ A. Na > Li > K > Rb
✓ B. Li > Na > K > Rb
✗ C. Rb > K > Na > Li
✗ D. Li > K > Na > Rb

Question Type : **MCQ**
Question ID : **4410091485788**
Option 1 ID : **4410095869623**
Option 2 ID : **4410095869621**
Option 3 ID : **4410095869622**
Option 4 ID : **4410095869624**
Status : **Answered A**
Chosen Option :

Q.26 **The portion of embryonal axis above & below the cotyledon in dicot embryo is called as __________ and __________ respectively.**

Ans
✗ A. epigeal,hypogeal
✗ B. hypocotyl, epicotyl
✓ C. epicotyl, hypocotyl
✗ D. hypogeal, epigeal

Question Type : **MCQ**
Question ID : **4410091490003**
Option 1 ID : **4410095886039**
Option 2 ID : **4410095886038**
Option 3 ID : **4410095886037**
Option 4 ID : **4410095886040**
Status : **Answered B**
Chosen Option :

Q.27 **Which of the following reagents can reduce an aldehyde to a primary alcohol without affecting a C=C double bond?**

Ans
✗ A. ZincamalgamwithHCl
✓ B. Sodium borohydride ($NaBH_4$)
✗ C. Hydrogen gas with Pd/C catalyst
✗ D. Lithium aluminium hydride ($LiAlH_4$)

Question Type : **MCQ**
Question ID : **4410091486503**
Option 1 ID : **4410095872434**
Option 2 ID : **4410095872431**
Option 3 ID : **4410095872433**
Option 4 ID : **4410095872432**
Status : **Answered C**
Chosen Option :

Q.28 **Descriptive or static phytogeography is concerned with the study of ____________________.**

Ans
✓ A. distributionof planted species overtheglobe
✗ B. role of climatic factors in plant distribution
✗ C. tracing the history of plant species
✗ D. effect of ecological interaction on plant distribution

Question Type : **MCQ**
Question ID : **4410091498357**
Option 1 ID : **4410095918447**
Option 2 ID : **4410095918448**
Option 3 ID : **4410095918450**
Option 4 ID : **4410095918449**
Status : **Answered D**
Chosen Option :

Q.29 **A nuclear reactor uses which of the following to slow down neutrons?**

Ans
✓ A. GraphiteorHeavyWater
✗ B. Control rods
✗ C. Uranium
✗ D. Lead shielding

Question Type : **MCQ**
Question ID : **4410091487161**
Option 1 ID : **4410095875056**
Option 2 ID : **4410095875058**
Option 3 ID : **4410095875055**
Option 4 ID : **4410095875057**
Status : **Answered C**
Chosen Option :

Q.30

Which of the following correctly represents the trend of electron affinity among the given elements?

Ans
✓ A. Cl > F > Br > I
✗ B. F < Cl < Br < I
✗ C. I > Br > Cl > F
✗ D. F > Cl > Br > I

Question Type : **MCQ**
Question ID : **4410091488315**
Option 1 ID : **4410095879429**
Option 2 ID : **4410095879428**
Option 3 ID : **4410095879431**
Option 4 ID : **4410095879430**
Status : **Answered D**
Chosen Option :

Q.31 **Which among the following are the general characteristics of Angiosperms?**

i) The sporophyte is differentiated into stems, roots, and leaves.
ii) Angiosperms produce two kinds of spores: microspores (pollen grains) and megaspores.
iii) The vascular system has true vessels in the xylem and companion cells in the phloem.
iv) The endosperm is formed before fertilisation and is a source of food for the developing seed and seedlings.

Ans
✗ A. i, iii, and ivonly
✗ B. i and iv only
✓ C. i, ii, and iii only
✗ D. i, ii, and iv only

Question Type : **MCQ**
Question ID : **4410091489519**
Option 1 ID : **4410095884119**
Option 2 ID : **4410095884120**
Option 3 ID : **4410095884117**
Option 4 ID : **4410095884118**
Status : **Answered D**
Chosen Option :

Q.32 **As of November 2025, what is the installed capacity of the Sainj Hydroelectric Project in Himachal Pradesh?**

Ans
✓ A. 100 MW
✗ B. 50 MW

✗ C. 200 MW
✗ D. 150 MW

Question Type : **MCQ**
Question ID : **4410091540544**
Option 1 ID : **4410096085476**
Option 2 ID : **4410096085475**
Option 3 ID : **4410096085478**
Option 4 ID : **4410096085477**
Status : **Answered A**
Chosen Option :

Q.33 **Which aspect of yoga most effectively supports the teaching of life science concepts in education?**

Ans
✗ A. Practising competitivepostures focusedonlyon flexibility
✗ B. Focusing solely on meditation without physical engagement
✓ C. Building mind-body awareness of physiological processes
✗ D. Memorising yoga terms without experiential understanding

Question Type : **MCQ**
Question ID : **4410091499336**
Option 1 ID : **4410095922254**
Option 2 ID : **4410095922256**
Option 3 ID : **4410095922255**
Option 4 ID : **4410095922257**
Status : **Answered C**
Chosen Option :

Q.34 **The Nernst equation assumes that:**

Ans
✗ A. Thesolution behavesnon-ideally(activitiesarenotequal to concentrations)
✓ B. Activities are the same as concentrations
✗ C. Temperature has no effect
✗ D. All activities are exactly 1

Question Type : **MCQ**
Question ID : **4410091496485**
Option 1 ID : **4410095911221**
Option 2 ID : **4410095911224**
Option 3 ID : **4410095911222**
Option 4 ID : **4410095911223**
Status : **Answered D**
Chosen Option :

Q.35 **Which of the following evolutionary forces counteracts the effects of genetic drift by introducing new alleles into a population?**

Ans
✗ A. Naturalselection
✗ B. Inbreeding
✗ C. Genetic hitchhiking
✓ D. Gene flow

Question Type : **MCQ**
Question ID : **4410091492374**
Option 1 ID : **4410095895233**
Option 2 ID : **4410095895235**
Option 3 ID : **4410095895236**
Option 4 ID : **4410095895234**
Status : **Answered B**
Chosen Option :

Q.36 **The lower jaw of mammals articulates with the skull through:**

Ans
✗ A. Hyoid–articularjoint
✗ B. Quadrate–dentary joint
✗ C. Quadrate–articular joint
✓ D. Dentary–squamosal joint

Question Type : **MCQ**
Question ID : **4410091512837**
Option 1 ID : **4410095975385**
Option 2 ID : **4410095975384**
Option 3 ID : **4410095975382**
Option 4 ID : **4410095975383**
Status : **Answered C**
Chosen Option :

Q.37 **'It is easier to build a child…' means:**

Ans
✗ A. Adults shouldteach children
✓ B. Early childhood is the best time to shape personality
✗ C. Adults do not need peace education
✗ D. Children learn faster than adults

Question Type : **MCQ**
Question ID : **4410091509838**
Option 1 ID : **4410095964041**
Option 2 ID : **4410095964042**
Option 3 ID : **4410095964043**
Option 4 ID : **4410095964040**
Status : **Answered A**
Chosen Option :

Q.38 **Health Education primarily aims to:**

Ans
✓ A. Promote awarenessand develophealthyhabits
✗ B. Conduct school medical check-ups
✗ C. Train students to provide first aid only
✗ D. Diagnose common illnesses in students

Question Type : **MCQ**
Question ID : **4410091517367**
Option 1 ID : **4410095992838**
Option 2 ID : **4410095992839**
Option 3 ID : **4410095992840**
Option 4 ID : **4410095992837**
Status : **Answered A**
Chosen Option :

Q.39 **Which capital city saw protests after the M23 rebels moved forward in Eastern Congo and foreign embassies were targeted?**

Ans
✗ A. Luanda
✓ B. Kinshasa
✗ C. Goma
✗ D. Nairobi

Question Type : **MCQ**
Question ID : **441009863727**
Option 1 ID : **4410093408033**
Option 2 ID : **4410093408031**
Option 3 ID : **4410093408030**
Option 4 ID : **4410093408032**
Status : **Answered B**
Chosen Option :

Q.40 **The Darwinian Theory of Evolution was based on the important concept of __________.**

Ans
✗ A. naturalselection only
✓ B. both branching descent and natural selection

✗ C. branching descent only
✗ D. mutation only

Question Type : **MCQ**
Question ID : **4410091513270**
Option 1 ID : **4410095977111**
Option 2 ID : **4410095977112**
Option 3 ID : **4410095977110**
Option 4 ID : **4410095977113**
Status : **Answered A**
Chosen Option :

Q.41 **Which of the following statements about molecularity is correct?**

Ans
✓ A. Molecularity is always a whole number
✗ B. Molecularity can be fractional
✗ C. Molecularity equals the reaction half-life
✗ D. Molecularity can be zero

Question Type : **MCQ**
Question ID : **4410091497380**
Option 1 ID : **4410095914625**
Option 2 ID : **4410095914627**
Option 3 ID : **4410095914628**
Option 4 ID : **4410095914626**
Status : **Answered C**
Chosen Option :

Q.42 **Refer to the following letter series and answer the question.**
Counting to be done from left to right.
(Left) B N T D X H B F G M L A E C G W Z M Q S M (Right)
How many such vowels are there each of which is immediately preceded by a vowel and also immediately followed by a consonant?

Ans
✗ A. More than two
✗ B. Two
✗ C. None
✓ D. One

Question Type : **MCQ**
Question ID : **441009784471**
Option 1 ID : **4410093091890**
Option 2 ID : **4410093091889**
Option 3 ID : **4410093091887**
Option 4 ID : **4410093091888**
Status : **Answered B**
Chosen Option :

Q.43 **Which of the following is NOT correct about molecular orbitals?**

Ans
✓ A. Molecular orbitals always contain electrons localized strictly to one atom.
✗ B. The number of molecular orbitals formed equals the number of combined atomic orbitals.
✗ C. Molecular orbitals can be classified as bonding, antibonding, or non-bonding.
✗ D. Molecular orbitals are formed by the linear combination of atomic orbitals.

Question Type : **MCQ**
Question ID : **4410091488550**
Option 1 ID : **4410095880405**
Option 2 ID : **4410095880406**
Option 3 ID : **4410095880404**
Option 4 ID : **4410095880403**
Status : **Answered A**
Chosen Option :

Q.44 **Fishes maintain steering and propulsion during swimming mainly by:**

Ans
✗ A. Paired pectoral and pelvic fins
✓ B. Caudal fin
✗ C. Anal fin
✗ D. Dorsal fin

Question Type : **MCQ**
Question ID : **4410091506965**
Option 1 ID : **4410095952251**
Option 2 ID : **4410095952250**
Option 3 ID : **4410095952252**
Option 4 ID : **4410095952253**
Status : **Answered A**
Chosen Option :

Q.45 **Which of the following body systems in poultry are affected by Newcastle disease?**

Ans
✗ A. Reproductive system
✗ B. Circulatory system
✗ C. Endocrine system
✓ D. Digestive, nervous and respiratory systems

Question Type : **MCQ**
Question ID : **4410091507319**
Option 1 ID : **4410095953856**
Option 2 ID : **4410095953854**
Option 3 ID : **4410095953853**
Option 4 ID : **4410095953855**
Status : **Answered B**
Chosen Option :

Q.46 **Select the most appropriate option to fill in the blank.**

In Gymnosperm, the main plant body is _____________.

Ans
✗ A. gametophyte and it is diploid
✗ B. sporophyte and it is haploid
✓ C. sporophyte and it is diploid
✗ D. gametophyte and it is haploid

Question Type : **MCQ**
Question ID : **4410091493175**
Option 1 ID : **4410095898372**
Option 2 ID : **4410095898375**
Option 3 ID : **4410095898374**
Option 4 ID : **4410095898373**
Status : **Answered C**
Chosen Option :

Q.47 **Which gymnosperm has male gametophytes (the pollen grains) with wings?**

Ans
✓ A. Pinus
✗ B. Ginkgo
✗ C. Ephedra
✗ D. Cycas

Question Type : **MCQ**
Question ID : **4410091489363**
Option 1 ID : **4410095883529**
Option 2 ID : **4410095883531**
Option 3 ID : **4410095883530**
Option 4 ID : **4410095883528**
Status : **Answered A**
Chosen Option :

Q.48 **What is the scientific name for humans?**

Ans
✓ A. Homo sapiens
✗ B. Mus musculus
✗ C. Canis lupus
✗ D. Felis catus

Question Type : **MCQ**
Question ID : **441009624194**
Option 1 ID : **4410092450908**
Option 2 ID : **4410092450911**
Option 3 ID : **4410092450909**
Option 4 ID : **4410092450910**
Status : **Answered A**
Chosen Option :

Q.49 **The most common species of Xenopsylla acting as a vector of plague is:**

Ans
✓ A. Xenopsylla cheopis
✗ B. Xenopsylla brasiliensis
✗ C. Xenopsylla astia
✗ D. Xenopsylla ramesis

Question Type : **MCQ**
Question ID : **4410091499593**
Option 1 ID : **4410095923274**
Option 2 ID : **4410095923275**
Option 3 ID : **4410095923276**
Option 4 ID : **4410095923277**
Status : **Answered B**
Chosen Option :

Q.50 **Which hydride is used as a rocket fuel?**

Ans
✓ A. N2H4
✗ B. LiAlH4
✗ C. BH3
✗ D. NH3

Question Type : **MCQ**
Question ID : **4410091485865**
Option 1 ID : **4410095869931**
Option 2 ID : **4410095869930**
Option 3 ID : **4410095869932**
Option 4 ID : **4410095869929**
Status : **Answered B**
Chosen Option :

Q.51 **The core objective of the Himachal Pradesh Ceiling on Land Holdings Act, 1972 is:**

Ans
✓ A. Imposing land ceiling and redistribution
✗ B. Regulating tenancies on government land
✗ C. Nationalising forests
✗ D. Banning sale to non-residents

Question Type : **MCQ**
Question ID : **4410091530083**
Option 1 ID : **4410096043417**
Option 2 ID : **4410096043419**
Option 3 ID : **4410096043416**
Option 4 ID : **4410096043418**
Status : **Answered B**
Chosen Option :

Q.52 **In a disubstituted benzene with a -CH3 group and a -NO2 group, where will an incoming electrophile most likely attack?**

Ans
✗ A. Ortho to the -NO_2 group
✗ B. Meta to the -CH_3 group
✓ C. Ortho to the -CH_3 group
✗ D. Para to the -NO_2 group

Question Type : **MCQ**
Question ID : **4410091502797**
Option 1 ID : **4410095935489**
Option 2 ID : **4410095935490**
Option 3 ID : **4410095935491**
Option 4 ID : **4410095935488**
Status : **Answered A**
Chosen Option :

Q.53 **Which of the following statements about nucleophilic addition is correct?**

Ans
✓ A. The nucleophile attacks the carbonyl carbon.
✗ B. Nucleophilic addition occurs only with aldehydes.
✗ C. Nucleophilic addition occurs only under basic conditions.
✗ D. The nucleophile attacks the carbonyl oxygen.

Question Type : **MCQ**
Question ID : **4410091502823**
Option 1 ID : **4410095935588**
Option 2 ID : **4410095935590**
Option 3 ID : **4410095935591**
Option 4 ID : **4410095935589**
Status : **Answered A**
Chosen Option :

Q.54 **वाक्याशं के लिए सही विकल्प चनुों**
जो सब कुछ जानता हो।

Ans
✗ A. श्रवज्ञ
✗ B. सरवज्ञ
✗ C. सरवग्य
✓ D. सवज्ञर्

Question Type : **MCQ**
Question ID : **441009472418**
Option 1 ID : **4410091845088**
Option 2 ID : **4410091845086**
Option 3 ID : **4410091845087**
Option 4 ID : **4410091845085**
Status : **Answered D**
Chosen Option :

Q.55 **Which of the following statements about the kinetic molecular theory of gases is NOT correct?**

Ans
✗ A. Gas molecules experience no intermolecular attractions or repulsions.
✗ B. The volume of gas molecules is negligible compared to the total volume of gas.
✓ C. All molecules of a gas move with the same velocity at a given temperature.
✗ D. Collisions between gas molecules are perfectly elastic.

Question Type : **MCQ**
Question ID : **4410091488559**
Option 1 ID : **4410095880440**
Option 2 ID : **4410095880439**
Option 3 ID : **4410095880441**
Option 4 ID : **4410095880442**
Status : **Answered D**
Chosen Option :

Q.56 **The first step in becoming an effective disaster manager is to:**

Ans
✗ A. Wait for outside help
✗ B. Ignore warnings
✓ C. Understand hazards and identify risk areas
✗ D. Evacuate without planning

Question Type : **MCQ**
Question ID : **4410091500672**
Option 1 ID : **4410095927604**
Option 2 ID : **4410095927602**
Option 3 ID : **4410095927603**
Option 4 ID : **4410095927605**
Status : **Answered C**
Chosen Option :

Q.57 **Which of the following is an example of addition polymer?**

Ans
✓ A. Polyethylene
✗ B. Terylene
✗ C. Bakelite
✗ D. Nylon-6,6

Question Type : **MCQ**
Question ID : **4410091496542**
Option 1 ID : **4410095911442**
Option 2 ID : **4410095911444**
Option 3 ID : **4410095911443**
Option 4 ID : **4410095911441**
Status : **Answered B**
Chosen Option :

Q.58 **A primary source of soil pollution is:**

Ans
✗ A. Wind currents
✗ B. Radio signals
✗ C. Marine dumping only
✓ D. Industrial waste disposal

Question Type : **MCQ**
Question ID : **4410091507476**
Option 1 ID : **4410095954505**
Option 2 ID : **4410095954506**
Option 3 ID : **4410095954507**
Option 4 ID : **4410095954508**
Status : **Answered D**
Chosen Option :

Q.59 **Which of the following statements best describes the functional significance of segmentation in Pheretima posthuma?**

Ans
✗ A. Segmentation helps in the formation of the exoskeleton.
✗ B. It restricts the animal's movement to a single direction.
✗ C. Segmentation permits regeneration of the entire body from a single segment.
✓ D. Each segment acts semi-independently, allowing localised movement and flexibility.

Question Type : **MCQ**
Question ID : **4410091485006**
Option 1 ID : **4410095866502**
Option 2 ID : **4410095866503**
Option 3 ID : **4410095866504**
Option 4 ID : **4410095866501**
Status : **Answered D**
Chosen Option :

Q.60 **The economic importance of Tribolium castaneum mainly arises from its ability to:**

Ans
✓ A. Destroy stored grain and processed cereal products
✗ B. Transmit plant viruses
✗ C. Damage fruits in the field
✗ D. Act as a parasite of humans

Question Type : **MCQ**
Question ID : **4410091554358**
Option 1 ID : **4410096140078**
Option 2 ID : **4410096140080**
Option 3 ID : **4410096140077**
Option 4 ID : **4410096140079**
Status : **Answered A**
Chosen Option :

Q.61 **Select the INCORRECTLY spelt word in the given sentence.**
The government's descision to implement new environmental policies was applauded by many.

Ans
✗ A. government's
✗ B. environmental
✗ C. implement
✓ D. descision

Question Type : **MCQ**
Question ID : **4410091104372**
Option 1 ID : **4410094354846**
Option 2 ID : **4410094354849**
Option 3 ID : **4410094354848**
Option 4 ID : **4410094354847**
Status : **Answered A**
Chosen Option :

Q.62 **Which type of chromosomal mutation results in the loss of a chromosome segment?**

Ans
✓ A. Deletion
✗ B. Translocation
✗ C. Duplication
✗ D. Inversion

Question Type : **MCQ**
Question ID : **4410091491043**
Option 1 ID : **4410095890017**
Option 2 ID : **4410095890020**
Option 3 ID : **4410095890018**
Option 4 ID : **4410095890019**
Status : **Answered A**
Chosen Option :

Q.63 **What will come in the place of the question mark (?) in the following equation, if ‘+’ and ‘–’ are interchanged and ‘×’ and ‘÷’ are interchanged?**
46 – 36 ÷ 42 × 21 + 44 = ?

Ans
- ✗ A. 76
- ✗ B. 72
- ✗ C. 75
- ✓ D. 74

Question Type : **MCQ**
Question ID : **4410091522007**
Option 1 ID : **4410096011155**
Option 2 ID : **4410096011156**
Option 3 ID : **4410096011157**
Option 4 ID : **4410096011154**
Status : **Answered B**
Chosen Option :

Q.64 **Refer to the three statements given below and choose the correct option.**
Statement A: Aldehydes generally undergo nucleophilic addition more readily than ketones.
Statement B: The carbonyl carbon in aldehydes and ketones is flat and trigonal.
Statement C: Larger groups (R, R′) reduce reactivity due to steric hindrance.

Ans
- ✓ A. Statements A, B, and C, all are true.
- ✗ B. Only Statement A is true. C. Only
- ✗ Statements A and B are true. D. Only
- ✗ Statements A and C are true.

Question Type : **MCQ**
Question ID : **4410091485833**
Option 1 ID : **4410095869804**
Option 2 ID : **4410095869801**
Option 3 ID : **4410095869802**
Option 4 ID : **4410095869803**
Status : **Answered C**
Chosen Option :

Q.65 **Which of the following is NOT a Ramsar site in Himachal Pradesh?**

Ans
- ✗ A. Pong Dam (Kangra)
- ✗ B. Chandratal (Lahaul & Spiti)
- ✗ C. Renuka Wetland (Sirmaur)
- ✓ D. Dal Lake (Dharamshala)

Question Type : **MCQ**
Question ID : **4410091540487**
Option 1 ID : **4410096085251**
Option 2 ID : **4410096085253**
Option 3 ID : **4410096085252**
Option 4 ID : **4410096085254**
Status : **Answered D**
Chosen Option :

Q.66 **Select the correct statement about stems and roots.**

Ans
- ✗ A. Stems are negatively geotropic and negatively phototrophic.
- ✗ B. Stems are positively geotropic and positively phototrophic. C.
- ✗ Roots are negatively geotropic and positively phototrophic. D.
- ✓ Roots are positively geotropic and negatively phototrophic

Question Type : **MCQ**
Question ID : **4410091507685**
Option 1 ID : **4410095955344**
Option 2 ID : **4410095955342**
Option 3 ID : **4410095955343**
Option 4 ID : **4410095955341**
Status : **Answered D**
Chosen Option :

Q.67 **In which year was the Planning Commission set up to evaluate national resources and frame development plans?**

Ans
- ✗ A. 1948
- ✗ B. 1952
- ✓ C. 1950
- ✗ D. 1947

Question Type : **MCQ**
Question ID : **4410091524067**
Option 1 ID : **4410096019544**
Option 2 ID : **4410096019546**
Option 3 ID : **4410096019545**
Option 4 ID : **4410096019543**
Status : **Answered B**
Chosen Option :

Q.68 **Which pair of molecules shows dipole–dipole attraction?**

Ans
- ✗ A. CH_4 and H_2
- ✗ B. N_2 and O_2
- ✗ C. CO_2 and CCl_4
- ✓ D. HCl and HBr

Question Type : **MCQ**
Question ID : **4410091496051**
Option 1 ID : **4410095909499**
Option 2 ID : **4410095909500**
Option 3 ID : **4410095909498**
Option 4 ID : **4410095909497**
Status : **Answered B**
Chosen Option :

Q.69 **A comprehensive plan for inclusive schooling emphasises:**

Ans
- ✗ A. Limiting support staff roles to administrative documentation only
- ✗ B. Exclusion of community stakeholders to maintain institutional neutrality
- ✗ C. Short-term remedial programs rather than sustained support structures
- ✓ D. Resource mapping to align available expertise with learner requirements

Question Type : **MCQ**
Question ID : **4410091522592**
Option 1 ID : **4410096013492**
Option 2 ID : **4410096013490**
Option 3 ID : **4410096013489**
Option 4 ID : **4410096013491**
Status : **Answered D**
Chosen Option :

Q.70 **Which of the following elements shows the highest tendency for the formation of peroxides?**

Ans
- ✗ A. Li
- ✓ B. Na
- ✗ C. Cs
- ✗ D. K

Question Type : **MCQ**
Question ID : **4410091485876**
Option 1 ID : **4410095869973**
Option 2 ID : **4410095869974**
Option 3 ID : **4410095869976**
Option 4 ID : **4410095869975**
Status : **Answered D**
Chosen Option :

Q.71 **Which of the following structures is associated with respiration in fishes?**

Ans
- ✗ A. Lungs
- ✓ B. Gills
- ✗ C. Trachea
- ✗ D. Spiracles only

Question Type : **MCQ**
Question ID : **4410091497743**
Option 1 ID : **4410095915988**
Option 2 ID : **4410095915989**
Option 3 ID : **4410095915990**
Option 4 ID : **4410095915991**
Status : **Answered B**
Chosen Option :

Q.72 **Which of the following is INCORRECT about Flavr Savr tomato, a genetically engineered plant?**

Ans
- ✗ A. Flavr Savr tomato is a variety of tomato
- ✗ B. Famous for increased shelf life
- ✓ C. Early ripening is specificity of this tomato
- ✗ D. Ripening gene of this tomato is engineered

Question Type : **MCQ**
Question ID : **4410091517134**
Option 1 ID : **4410095991913**
Option 2 ID : **4410095991914**
Option 3 ID : **4410095991915**
Option 4 ID : **4410095991916**
Status : **Answered B**
Chosen Option :

Q.73 **In our environment, which of the following is abiotic component _________.**

Ans
- ✗ A. desert
- ✗ B. pathogen
- ✓ C. water
- ✗ D. plants

Question Type : **MCQ**
Question ID : **441009624858**
Option 1 ID : **4410092453567**
Option 2 ID : **4410092453565**
Option 3 ID : **4410092453566**
Option 4 ID : **4410092453564**
Status : **Answered A**
Chosen Option :

Q.74 In B-form of DNA, one complete turn of the double helix corresponds to approximately __________.

Ans
✗ A. 8 base pairs and 28 Å in length
✓ B. 10 base pairs and 34 Å in length
✗ C. 10.5 base pairs and 20 Å in length
✗ D. 12 base pairs and 34 Å in length

Question Type : **MCQ**
Question ID : **4410091492323**
Option 1 ID : **4410095895024**
Option 2 ID : **4410095895021**
Option 3 ID : **4410095895022**
Option 4 ID : **4410095895023**
Status : **Answered D**
Chosen Option :

Q.75 निम्नलिखित लोकोक्ति के उचित अर्थ का चयन करें-
‘हाथ कंगन को आरसी क्या’

Ans
✗ A. जब भीख ही माँगनी है, तो रोटियोंकीक्याकमी
✗ B. अंधे को रोशनी की क्या आवश्यकता
✗ C. सौन्दर्य के लिए शृंगार की जरूरत नहीं
✓ D. प्रत्यक्ष को प्रमाण की क्या आवश्यकता

Question Type : **MCQ**
Question ID : **441009442054**
Option 1 ID : **4410091726898**
Option 2 ID : **4410091726897**
Option 3 ID : **4410091726899**
Option 4 ID : **4410091726900**
Status : **Answered D**
Chosen Option :

Q.76 Which idea reflects Piaget’s theory of cognitive development?

Ans
✗ A. Cognitive growth happens gradually without distinct stages.
✗ B. Learning occurs mainly through guidance from adults.
✗ C. Social interaction plays only a minor role in learning.
✓ D. Children learn by actively exploring their environment.

Question Type : **MCQ**
Question ID : **4410091480872**
Option 1 ID : **4410095850612**
Option 2 ID : **4410095850611**
Option 3 ID : **4410095850613**
Option 4 ID : **4410095850610**
Status : **Answered D**
Chosen Option :

Q.77 Which of the following is NOT correct regarding conjugation of carbohydrates?

Ans
✗ A. Carbohydrates can combine with proteins to form glycoproteins.
✗ B. Glycoproteins play important roles in cell recognition and signaling.
✗ C. Carbohydrates form glycolipids when linked with lipids.
✓ D. Carbohydrates do not conjugate with lipids in biological systems.

Question Type : **MCQ**
Question ID : **4410091491634**
Option 1 ID : **4410095892321**
Option 2 ID : **4410095892324**
Option 3 ID : **4410095892323**
Option 4 ID : **4410095892322**
Status : **Answered C**
Chosen Option :

Q.78 Which of the following types of alternation of generation is found in Polysiphonia?

Ans
✓ A. Isomorphic triphasic
✗ B. Diplontic
✗ C. Isomorphic biphasic
✗ D. Heteromorphic triphasic

Question Type : **MCQ**
Question ID : **4410091490119**
Option 1 ID : **4410095886489**
Option 2 ID : **4410095886492**
Option 3 ID : **4410095886491**
Option 4 ID : **4410095886490**
Status : **Answered D**
Chosen Option :

Q.79 What does the Bohr effect explain in terms of hemoglobin function?

Ans
✗ A. Conversion of CO_2 to bicarbonate
✗ B. Binding of N (nitrogen) to hemoglobin
✗ C. Increased ability of hemoglobin to bind oxygen in the tissues
✓ D. Release of oxygen due to increased CO_2 and H^+ in tissues

Question Type : **MCQ**
Question ID : **4410091505714**
Option 1 ID : **4410095947248**
Option 2 ID : **4410095947249**
Option 3 ID : **4410095947251**
Option 4 ID : **4410095947250**
Status : **Answered A**
Chosen Option :

Q.80 Which of the following complexes exhibits coordination isomerism?

Ans
✗ A. $[Co(en)_3]^{3+}$
✓ B. $[Co(NH_3)_6][Cr(CN)_6]$
✗ C. $[Co(NH_3)_4Cl_2]^+$
✗ D. $[Pt(NH_3)_2Cl_2]$

Question Type : **MCQ**
Question ID : **4410091509976**
Option 1 ID : **4410095964587**
Option 2 ID : **4410095964584**
Option 3 ID : **4410095964585**
Option 4 ID : **4410095964586**
Status : **Answered C**
Chosen Option :

Q.81 Which of the following is a major application of tissue culture in agriculture?

Ans
✓ A. Production of disease-free plants
✗ B. Increasing seed size only
✗ C. Enhancing pollination only
✗ D. Improving soil aeration

Question Type : **MCQ**
Question ID : **4410091506889**
Option 1 ID : **4410095951928**
Option 2 ID : **4410095951929**
Option 3 ID : **4410095951927**
Option 4 ID : **4410095951926**
Status : **Answered**

Chosen Option : **A**

Q.82 **_______ form of gibberellins is commonly used in plant tissue culture.**

Ans
✗ A. GA53
✗ B. GA19
✓ C. GA3
✗ D. GA1

Question Type : **MCQ**
Question ID : **4410091507480**
Option 1 ID : **4410095954523**
Option 2 ID : **4410095954524**
Option 3 ID : **4410095954521**
Option 4 ID : **4410095954522**
Status : **Answered C**
Chosen Option :

Q.83 **Nessler’s reagent is used for the estimation of ______.**

Ans
✓ A. Ammonia
✗ B. Nitrate
✗ C. Phosphate
✗ D. Chloride

Question Type : **MCQ**
Question ID : **4410091487153**
Option 1 ID : **4410095875025**
Option 2 ID : **4410095875024**
Option 3 ID : **4410095875026**
Option 4 ID : **4410095875023**
Status : **Answered A**
Chosen Option :

Q.84 **During peptization, what transformation occurs?**

Ans
✗ A. True solution → sol
✗ B. Sol → true solution
✗ C. Sol → coagulum
✓ D. Precipitate → sol

Question Type : **MCQ**
Question ID : **4410091502269**
Option 1 ID : **4410095933450**
Option 2 ID : **4410095933449**
Option 3 ID : **4410095933451**
Option 4 ID : **4410095933448**
Status : **Answered D**
Chosen Option :

Q.85 **On which day did Himachal Pradesh attain full statehood and become the 18th state of the Indian Union under the State of Himachal Pradesh Act, 1970?**

Ans
✓ A. 25 January 1971
✗ B. 15 August 1972
✗ C. 1 November 1956
✗ D. 1 July 1954

Question Type : **MCQ**
Question ID : **4410091529790**
Option 1 ID : **4410096042252**
Option 2 ID : **4410096042254**
Option 3 ID : **4410096042251**
Option 4 ID : **4410096042253**
Status : **Answered A**
Chosen Option :

Q.86 **In a certain code language, ‘CLAP’ is coded as ‘7452’ and ‘LITS’ is coded as ‘9536’. What is the code for ‘L’ in the given code language?**

Ans
✓ A. 5
✗ B. 4
✗ C. 9
✗ D. 6

Question Type : **MCQ**
Question ID : **4410091484366**
Option 1 ID : **4410095864373**
Option 2 ID : **4410095864374**
Option 3 ID : **4410095864376**
Option 4 ID : **4410095864375**
Status : **Answered C**
Chosen Option :

Q.87 **The process of removing dissolved gases and volatile organic compounds (VOCs) from water is known as:**

Ans
✗ A. Sedimentation
✓ B. Aeration C.
✗ Filtration D.
✗ Coagulation

Question Type : **MCQ**
Question ID : **4410091499848**
Option 1 ID : **4410095924289**
Option 2 ID : **4410095924287**
Option 3 ID : **4410095924288**
Option 4 ID : **4410095924286**
Status : **Answered B**
Chosen Option :

Q.88 **For a three–component system (C = 3) in liquid–liquid equilibrium involving two liquid phases, L1 and L2, under conditions of constant temperature and pressure, the number of degrees of freedom is _______.**

Ans
✗ A. 3
✗ B. 0
✗ C. 2
✓ D. 1

Question Type : **MCQ**
Question ID : **4410091482356**
Option 1 ID : **4410095856395**
Option 2 ID : **4410095856397**
Option 3 ID : **4410095856396**
Option 4 ID : **4410095856398**
Status : **Answered D**
Chosen Option :

Q.89 **Which of the following is absent in the male gametophyte of Gymnosperms?**

Ans
✗ A. Prothallial cells
✓ B. Archegonia
✗ C. Tube nucleus
✗ D. Generative cell

Question Type : **MCQ**
Question ID : **4410091490306**
Option 1 ID : **4410095887225**
Option 2 ID : **4410095887226**
Option 3 ID : **4410095887228**
Option 4 ID : **4410095887227**
Status : **Answered D**
Chosen Option :

Q.90 **The IR region forms part of which broader physical phenomenon?**

Ans
✗ A. Nuclear magnetic field produced by unpaired electron spins only
✗ B. Subatomic collision process resulting in ion formation and fragmentation
✓ C. Electromagnetic radiation encompassing various wavelength ranges
✗ D. Thermal conductivity effect observed in crystalline solids exclusively

Question Type : **MCQ**
Question ID : **4410091486811**
Option 1 ID : **4410095873648**
Option 2 ID : **4410095873649**
Option 3 ID : **4410095873647**
Option 4 ID : **4410095873650**
Status : **Answered C**
Chosen Option :

Q.91 **Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ A. DG - HK
✓ B. IL - HY
✗ C. LO - PS
✗ D. QT - UX

Question Type : **MCQ**
Question ID : **441009788310**
Option 1 ID : **4410093107240**
Option 2 ID : **4410093107239**
Option 3 ID : **4410093107241**
Option 4 ID : **4410093107242**
Status : **Answered C**
Chosen Option :

Q.92 **Which of the following statements is true about enzyme-substrate specificity?**

Ans
✓ A. Enzymes show high specificity for their substrate due to the shape of their active site.
✗ B. Enzyme randomly select substrate for their action.
✗ C. Substrate alters the structure of enzyme.
✗ D. All enzymes act on any substrate.

Question Type : **MCQ**
Question ID : **4410091491610**
Option 1 ID : **4410095892230**
Option 2 ID : **4410095892231**
Option 3 ID : **4410095892232**
Option 4 ID : **4410095892229**
Status : **Answered A**
Chosen Option :

Q.93 **Match the following processes of natural selection with their correct features.**

a. Stabilizing Selection	i. Favours the average phenotype
b. Directional Selection	ii. Favours extreme phenotype
c. Disruptive Selection	iii. Favours two or more extreme phenotypes

Ans
✓ A. a - i, b - ii, c - iii
✗ B. a - ii, b - i, c - iii
✗ C. a - iii, b - ii, c - i
✗ D. a - iii, b - i, c - ii

Question Type : **MCQ**
Question ID : **4410091517936**
Option 1 ID : **4410095994986**
Option 2 ID : **4410095994987**
Option 3 ID : **4410095994988**
Option 4 ID : **4410095994989**
Status : **Answered A**
Chosen Option :

Q.94 **Which technology supports synchronous e-learning?**

Ans
✗ A. Recorded video lectures
✗ B. Self-paced online modules
✗ C. Printed handouts
✓ D. Live webinars or virtual classrooms

Question Type : **MCQ**
Question ID : **4410091520851**
Option 1 ID : **4410096006614**
Option 2 ID : **4410096006617**
Option 3 ID : **4410096006616**
Option 4 ID : **4410096006615**
Status : **Answered D**
Chosen Option :

Q.95 **Which of the following is a characteristic feature of eosinophils found in blood?**

Ans
✓ A. Nucleus is two lobed and connected by thick strand of chromatin.
✗ B. Nucleus is bean shaped and are amoeboid in shape.
✗ C. Nucleus is many lobed and connected by thin strand of chromatin.
✗ D. Nucleus is usually rounded and are smaller with scanty cytoplasm.

Question Type : **MCQ**
Question ID : **4410091511106**
Option 1 ID : **4410095968484**
Option 2 ID : **4410095968485**
Option 3 ID : **4410095968482**
Option 4 ID : **4410095968483**
Status : **Answered A**
Chosen Option :

Q.96 **Select the most appropriate synonym of the underlined word in the given sentence.**
The luminous stars lit up the night sky, creating a breathtaking view.________

Ans
✗ A. Smudging
✓ B. Bright
✗ C. Dark
✗ D. Shimmery

Question Type : **MCQ**
Question ID : **441009203781**
Option 1 ID : **441009801634**
Option 2 ID : **441009801632**
Option 3 ID : **441009801635**
Option 4 ID : **441009801633**
Status : **Answered B**
Chosen Option :

Q.97 **Which law of thermodynamics explains the working principle of a refrigerator?**

Ans
✗ A. Third law
✗ B. Zeroth law
✓ C. Second law
✗ D. First law

Question Type : **MCQ**
Question ID : **4410091500096**
Option 1 ID : **4410095925257**
Option 2 ID : **4410095925254**
Option 3 ID : **4410095925256**
Option 4 ID : **4410095925255**
Status : **Answered A**
Chosen Option :

Q.98 **Which of the following proposed chromosomal theory of inheritance?**

Ans
✗ A. P D Sharma
✗ B. Guha and Maheshwari
✓ C. Walter Sutton and Theodore Boveri
✗ D. Gregor John Mendel

Question Type : **MCQ**
Question ID : **4410091521237**
Option 1 ID : **4410096008119**
Option 2 ID : **4410096008118**
Option 3 ID : **4410096008116**
Option 4 ID : **4410096008117**
Status : **Answered C**
Chosen Option :

Q.99 **Which of the following is NOT the part of embryo in the seed of an angiosperm?**

Ans
✗ A. Cotyledons
✓ B. Endosperm
✗ C. Radicle
✗ D. Plumule

Question Type : **MCQ**
Question ID : **4410091501063**
Option 1 ID : **4410095928704**
Option 2 ID : **4410095928705**
Option 3 ID : **4410095928703**
Option 4 ID : **4410095928702**
Status : **Answered C**
Chosen Option :

Q.100 **Who among the following inaugurated the Grameen Bharat Mahotsav 2025?**

Ans
✗ A. Dr. Mansukh Mandaviya
✗ B. Rajiv Ranjan Singh
✓ C. Narendra Modi
✗ D. Bhupender Yadav

Question Type : **MCQ**
Question ID : **441009943663**
Option 1 ID : **4410093728260**
Option 2 ID : **4410093728261**
Option 3 ID : **4410093728258**
Option 4 ID : **4410093728259**
Status : **Answered A**
Chosen Option :

Q.101 **Which of the following effects is NOT the result of continuous inbreeding?**

Ans
✗ A. Reduced vigor of the offsprings
✗ B. Decreased survival rates in the offsprings
✓ C. Lower fertility in the offsprings
✗ D. Higher fertility in the offsprings

Question Type : **MCQ**
Question ID : **4410091509030**
Option 1 ID : **4410095960786**
Option 2 ID : **4410095960788**
Option 3 ID : **4410095960789**
Option 4 ID : **4410095960787**
Status : **Answered D**
Chosen Option :

Q.102 **Why does Helicoverpa armigera cause high economic losses in crops?**

Ans
✗ A. Has only one generation per year
✗ B. Remains confined to wild plants
✓ C. Shows resistance to many insecticides
✗ D. Lives exclusively in cold climates

Question Type : **MCQ**
Question ID : **4410091507177**
Option 1 ID : **4410095953217**
Option 2 ID : **4410095953214**
Option 3 ID : **4410095953216**
Option 4 ID : **4410095953215**
Status : **Answered B**
Chosen Option :

Q.103 **Which of the following is the correct number of abdominal segments (visible) in an adult cockroach?**

Ans
✗ A. 8 segments
✓ B. 10 segments
✗ C. 5 segments
✗ D. 12 segments

Question Type : **MCQ**
Question ID : **4410091506344**
Option 1 ID : **4410095949750**
Option 2 ID : **4410095949751**
Option 3 ID : **4410095949749**
Option 4 ID : **4410095949752**
Status : **Answered B**
Chosen Option :

Q.104 **Which feature most clearly distinguishes intensive subsistence farming from other agricultural systems in India?**

Ans
✗ A. Production of a single export-oriented crop

✓ B. Heavy labour use with continuous cultivation of small plots
✗ C. Reliance on migrant workers in large estates
✗ D. Exclusive dependence on rainfall and natural manure

Question Type : **MCQ**
Question ID : **4410091523940**
Option 1 ID : **4410096019042**
Option 2 ID : **4410096019040**
Option 3 ID : **4410096019039**
Option 4 ID : **4410096019041**
Status : **Answered A**
Chosen Option :

Q.105 **Which of the following best reflects the holistic nature of physical education?**

Ans
✗ A. Development of physical fitness
✗ B. Improvement of test performance
✓ C. Education for body, mind and spirit
✗ D. Focus on competitive sports only

Question Type : **MCQ**
Question ID : **4410091516205**
Option 1 ID : **4410095988195**
Option 2 ID : **4410095988198**
Option 3 ID : **4410095988197**
Option 4 ID : **4410095988196**
Status : **Answered C**
Chosen Option :

Q.106 **Select the most appropriate option to complete the sentence.**

He is known as ___ expert in his field.

Ans
✗ A. no article required
✓ B. an
✗ C. a
✗ D. the

Question Type : **MCQ**
Question ID : **441009483781**
Option 1 ID : **4410091890476**
Option 2 ID : **4410091890474**
Option 3 ID : **4410091890473**
Option 4 ID : **4410091890475**
Status : **Answered D**
Chosen Option :

Q.107 **What is the tenure of a member of the Rajya Sabha?**

Ans
✗ A. 4 years
✗ B. 5 years
✓ C. 6 years
✗ D. 7 years

Question Type : **MCQ**
Question ID : **441009636055**
Option 1 ID : **4410092498367**
Option 2 ID : **4410092498368**
Option 3 ID : **4410092498369**
Option 4 ID : **4410092498370**
Status : **Answered B**
Chosen Option :

Q.108 **दोनों महिलाएँ गली में________ लगीं। - रिक्त स्थान के लिए उचित नामधातु क्रिया बताइए।**

Ans
✗ A. बात
✗ B. बातें
✓ C. बतियाने
✗ D. बत्तों

Question Type : **MCQ**
Question ID : **441009447996**
Option 1 ID : **4410091750653**
Option 2 ID : **4410091750654**
Option 3 ID : **4410091750656**
Option 4 ID : **4410091750655**
Status : **Answered C**
Chosen Option :

Q.109 **Which social group bore the heaviest direct burden of colonial land revenue policies?**

Ans
✓ A. Peasants/cultivators
✗ B. Urban merchants
✗ C. Missionary organisations
✗ D. European planters

Question Type : **MCQ**
Question ID : **4410091500198**
Option 1 ID : **4410095925660**
Option 2 ID : **4410095925659**
Option 3 ID : **4410095925661**
Option 4 ID : **4410095925658**
Status : **Answered A**
Chosen Option :

Q.110 **The five Es model in lesson plans stands for:**

Ans
✓ A. Engage, Explore, Explain, Elaborate, Evaluate
✗ B. Elaborate, Educate, Examine, Expand, End
✗ C. Educate, Examine, Execute, Expand, End
✗ D. Entertain, Educate, Evaluate, Elaborate, Engage

Question Type : **MCQ**
Question ID : **4410091516168**
Option 1 ID : **4410095988051**
Option 2 ID : **4410095988054**
Option 3 ID : **4410095988052**
Option 4 ID : **4410095988053**
Status : **Answered A**
Chosen Option :

Q.111 **Example of socio-emotional difficulty:**

Ans
✓ A. Struggling to make friends
✗ B. Poor handwriting
✗ C. Slow reading
✗ D. Low math scores

Question Type : **MCQ**
Question ID : **4410091517414**
Option 1 ID : **4410095993028**
Option 2 ID : **4410095993026**
Option 3 ID : **4410095993027**
Option 4 ID : **4410095993025**
Status : **Answered A**
Chosen Option :

Q.112 **Which of the following statements is NOT TRUE regarding Sclerenchyma tissue?**

Ans
✗ A. They are rigid, contain thick and lignified secondary walls.
✗ B. They are found in the hard outer covering of fruits and seeds.
✓ C. The functions of these tissues are storage, photosynthesis and to help the plant float on water.
✗ D. The cells of tissue are dead.

Question Type : **MCQ**
Question ID : **4410091503785**
Option 1 ID : **4410095939389**
Option 2 ID : **4410095939391**
Option 3 ID : **4410095939390**
Option 4 ID : **4410095939388**
Status : **Answered B**
Chosen Option :

Q.113 **A galvanic cell has a standard cell potential E_{cell}^0 +1.10 V. What should be the value of ΔG°?**

Ans
✗ A. Cannot say
✓ B. ΔG° < 0
✗ C. ΔG° > 0
✗ D. ΔG° = 0

Question Type : **MCQ**
Question ID : **4410091496432**
Option 1 ID : **4410095911010**
Option 2 ID : **4410095911009**
Option 3 ID : **4410095911011**
Option 4 ID : **4410095911012**
Status : **Answered D**
Chosen Option :

Q.114 **White rust of conifers is caused by _______.**

Ans
✓ A. Albugo candida
✗ B. Ustilago nudo
✗ C. Erysiphe graminis
✗ D. Synchytrium endobioticium

Question Type : **MCQ**
Question ID : **4410091504811**
Option 1 ID : **4410095943711**
Option 2 ID : **4410095943710**
Option 3 ID : **4410095943712**
Option 4 ID : **4410095943709**
Status : **Answered A**
Chosen Option :

Q.115 **Select the most appropriate option to fill in the blank.**
Julia was always __________, setting challenging goals for herself and striving to achieve success in her career.

Ans
✗ A. pessimistic
✗ B. jovial
✗ C. cautious
✓ D. ambitious

Question Type : **MCQ**
Question ID : **4410091102438**
Option 1 ID : **4410094347110**
Option 2 ID : **4410094347113**
Option 3 ID : **4410094347112**
Option 4 ID : **4410094347111**

Status : **Answered A**
Chosen Option :

Q.116 **The canal system in Sycon is classified as:**

Ans
✓ A. Syconoid
✗ B. Rhagon
✗ C. Asconoid
✗ D. Leuconoid

Question Type : **MCQ**
Question ID : **4410091494821**
Option 1 ID : **4410095904652**
Option 2 ID : **4410095904654**
Option 3 ID : **4410095904651**
Option 4 ID : **4410095904653**
Status : **Answered D**
Chosen Option :

Q.117 **In the given sentence, the underlined segment is a proverb and it may have an error. Select the option that rectifies the given segment. If there is no error, select 'No rectification required'.**
After years away from the company, John realised that his old colleagues had moved on and that he was long absent, soon forgotten.

Ans
✗ A. long absent, never forgotten
✓ B. No rectification required
✗ C. long present, soon forgotten
✗ D. long present, never forgotten

Question Type : **MCQ**
Question ID : **441009203733**
Option 1 ID : **441009801442**
Option 2 ID : **441009801440**
Option 3 ID : **441009801441**
Option 4 ID : **441009801443**
Status : **Answered A**
Chosen Option :

Q.118 **As per the Himachal Pradesh Human Development Report 2025, the state's average Human Development Index (HDI) is about:**

Ans
✗ A. 0.70, lower than the national average
✗ B. 0.63, equal to the national average
✓ C. 0.78, higher than the national average
✗ D. 0.85, highest in India

Question Type : **MCQ**
Question ID : **4410091530144**
Option 1 ID : **4410096043657**
Option 2 ID : **4410096043656**
Option 3 ID : **4410096043658**
Option 4 ID : **4410096043659**
Status : **Answered D**
Chosen Option :

Q.119 **Which scientist first saw and described the first live cell?**

Ans
✗ A. Matthias Schleiden
✓ B. Anton Van Leeuwenhoek
✗ C. Robert Brown
✗ D. Theodor Schwann

Question Type : **MCQ**
Question ID : **441009625702**
Option 1 ID : **4410092456941**
Option 2 ID : **4410092456942**
Option 3 ID : **4410092456943**
Option 4 ID : **4410092456940**
Status : **Answered B**
Chosen Option :

Q.120 **A student with dyslexia may benefit most from which of the following strategies?**

Ans
✓ A. Oral testing and audio books
✗ B. Group punishment
✗ C. Punishment for spelling errors
✗ D. Fast-paced reading drills

Question Type : **MCQ**
Question ID : **4410091522805**
Option 1 ID : **4410096014344**
Option 2 ID : **4410096014346**
Option 3 ID : **4410096014343**
Option 4 ID : **4410096014345**
Status : **Answered D**
Chosen Option :

Q.121 **E, R, T, Y, U and W live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. The product of floors on which R and T live is 15. U lives immediately above Y .The sum of floors on which E and T live is 7. How many people live below T?**

Ans
✗ A. 3
✓ B. 2
✗ C. 1
✗ D. 4

Question Type : **MCQ**
Question ID : **4410091484349**
Option 1 ID : **4410095864307**
Option 2 ID : **4410095864306**
Option 3 ID : **4410095864305**
Option 4 ID : **4410095864308**
Status : **Answered A**
Chosen Option :

Q.122 **निम्नलिखित लोकोक्ति के सही अर्थ का चयन कीजिए–**
'ऊँची दुकान, फीका पकवान'

Ans
✓ A. बाहरी दिखावा अधिक, पर असल में गुणहीन
✗ B. बाहरी दिखावा अधिक, पर कर्मठ स्वभाव
✗ C. बाहरी दिखावा अधिक, पर ज्ञानवान
✗ D. बाहरी दिखावा अधिक, पर आचरण श्रेष्ठ

Question Type : **MCQ**
Question ID : **4410091489313**
Option 1 ID : **4410095883328**
Option 2 ID : **4410095883329**
Option 3 ID : **4410095883331**
Option 4 ID : **4410095883330**
Status : **Answered B**
Chosen Option :

Q.123 **Who represented the Indian National Congress at the Second Round Table Conference, which took place in London in 1931?**

Ans
✗ A. SubhasChandraBose
✗ B. Jawaharlal Nehru
✓ C. Mahatma Gandhi
✗ D. Sardar Vallabhbhai Patel

Question Type : **MCQ**
Question ID : **4410091523474**
Option 1 ID : **4410096017143**
Option 2 ID : **4410096017146**
Option 3 ID : **4410096017145**
Option 4 ID : **4410096017144**
Status : **Answered C**
Chosen Option :

Q.124 **दिए गए वाक्य के रेखांकित शब्द का विलोम पहचानें-**
लोग मंदिर में देव की आराधना करने पहुँचते हैं

Ans
✗ A. ईश्वर
✗ B. भगवान
✗ C. परमेश्वर
✓ D. दैत्य

Question Type : **MCQ**
Question ID : **4410091489422**
Option 1 ID : **4410095883738**
Option 2 ID : **4410095883739**
Option 3 ID : **4410095883740**
Option 4 ID : **4410095883737**
Status : **Answered D**
Chosen Option :

Q.125 **Match the following phases of ecological succession process with their correct features.**

a. Nudation	i. Development ofbarerock
b.Ecesis	ii. Successful establishment
c.Migration	iii.Movement of propagules into new area
d.Stabilization	iv.Interaction between new populations

Ans
✗ A. a) i, b) ii, c) iv, d) iii
✗ B. a) ii, b) i, c) iii, d) iv
✓ C. a) i, b) ii, c) iii, d) iv
✗ D. a) i, b) iv, c) iii, d) ii

Question Type : **MCQ**
Question ID : **4410091510789**
Option 1 ID : **4410095967214**
Option 2 ID : **4410095967212**
Option 3 ID : **4410095967213**
Option 4 ID : **4410095967215**
Status : **Answered A**
Chosen Option :

Q.126 **What is the primary focus of the PM SHRI Schools initiative?**

Ans
✗ A. Emphasising sports promotion while overlookingacademic development.
✓ B. Transforming 14,500 schools into model institutions aligned with NEP 2020.
✗ C. Restricting digital learning facilities to selected urban institutions.
✗ D. Offering scholarships mainly to rural students for overseas education.

Question Type : **MCQ**
Question ID : **4410091481003**
Option 1 ID : **4410095851144**
Option 2 ID : **4410095851142**
Option 3 ID : **4410095851145**
Option 4 ID : **4410095851143**
Status : **Answered D**
Chosen Option :

Q.127 **In selecting digital learning resources, what factor is essential beyond content accuracy?**

Ans
✓ A. Compatibilitywithmultipledevicesandeaseofuse
✗ B. Complex navigation features to challenge learners
✗ C. High-resolution graphics only focusing on visual appeal
✗ D. Exclusive use of a single digital platform for uniformity

Question Type : **MCQ**
Question ID : **4410091499424**
Option 1 ID : **4410095922611**
Option 2 ID : **4410095922612**
Option 3 ID : **4410095922610**
Option 4 ID : **4410095922613**
Status : **Answered A**
Chosen Option :

Q.128 **Which of the following temperatures is best suitable for the cultivation of sugarcane?**

Ans
✓ A. 21°C to 27°C
✗ B. 31°C to 37°C
✗ C. 51°C to 57°C
✗ D. 41°C to 47°C

Question Type : **MCQ**
Question ID : **4410091517528**
Option 1 ID : **4410095993477**
Option 2 ID : **4410095993478**
Option 3 ID : **4410095993480**
Option 4 ID : **4410095993479**
Status : **Answered C**
Chosen Option :

Q.129 **Which of the following is NOT an example of natural ecosystem?**

Ans
✗ A. Pond
✓ B. Crop fields
✗ C. Estuary
✗ D. River

Question Type : **MCQ**
Question ID : **4410091490018**
Option 1 ID : **4410095886097**
Option 2 ID : **4410095886100**
Option 3 ID : **4410095886098**
Option 4 ID : **4410095886099**
Status : **Answered C**
Chosen Option :

Q.130 **Which of the following statements is FALSE for carrying out controlled breeding in cattle via artificial insemination?**

Ans
✗ A. Heat detectionprogammeandtimingof insemination, increasessuccess rate of reproduction.
✗ B. The semen from the desired male parent is injected into the reproductive tract of the selected female.
✗ C. The semen obtained from a single male can be used to inseminate several females.
✓ D. The semen obtained from the desired male parent should be used immediately as it cannot be stored and transported.

Question Type : **MCQ**
Question ID : **4410091521166**
Option 1 ID : **4410096007844**
Option 2 ID : **4410096007845**
Option 3 ID : **4410096007842**
Option 4 ID : **4410096007843**
Status : **Answered C**
Chosen Option :

Q.131 **Which of the following features is unique to the class Deuteromycetes?**

Ans
✗ A. Presence of septatemycelium
✗ B. Formation of zygospores
✓ C. Absence of sexual reproduction
✗ D. Production of asexual conidia

Question Type : **MCQ**
Question ID : **4410091490147**
Option 1 ID : **4410095886603**
Option 2 ID : **4410095886604**
Option 3 ID : **4410095886602**
Option 4 ID : **4410095886601**
Status : **Answered B**
Chosen Option :

Q.132 **Under which Article is the name Leguminosae sanctioned as alternate name for Fabaceae only as long as it includes all three subfamilies Faboideae (Papilionoideae), Caesalpiniodeae and Mimosoideae?**

Ans
✗ A. Article 20
✓ B. Article 18
✗ C. Article 21
✗ D. Article 19

Question Type : **MCQ**
Question ID : **4410091518098**
Option 1 ID : **4410095995628**
Option 2 ID : **4410095995626**
Option 3 ID : **4410095995629**
Option 4 ID : **4410095995627**
Status : **Answered D**
Chosen Option :

Q.133 **Which of the following statements about the Fe-protein component of Nitrogenase is correct?**

Ans
✗ A. Fe protein islarger than MoFeproteincomponent.
✓ B. It is highly sensitive to oxygen.
✗ C. It is a tetramer.
✗ D. It contains two Mo atoms.

Question Type : **MCQ**
Question ID : **4410091508262**
Option 1 ID : **4410095957665**
Option 2 ID : **4410095957666**
Option 3 ID : **4410095957667**
Option 4 ID : **4410095957668**
Status : **Answered A**
Chosen Option :

Q.134 **In April 2025, the Bandipur Tiger Reserve made headlines due to a proposal to lift its night traffic ban. In which state is this reserve located?**

Ans
✗ A. AndhraPradesh
✗ B. Kerala
✗ C. Tamil Nadu
✓ D. Karnataka

Question Type : **MCQ**
Question ID : **441009311958**
Option 1 ID : **4410091214261**
Option 2 ID : **4410091214259**
Option 3 ID : **4410091214258**
Option 4 ID : **4410091214260**
Status : **Answered C**
Chosen Option :

Q.135 **Which principle of curriculum construction emphasises the alignment of learning activities and assessments directly with intended learning outcomes?**

Ans
✗ A. CurriculumFlexibility,allowingadaptationtolearner needs
✗ B. Outcome Fragmentation: Separating objectives from classroom practice
✓ C. Constructive Alignment: Making objectives, teaching and assessment fully match
✗ D. Content Coverage focusing on completing the syllabus

Question Type : **MCQ**
Question ID : **4410091499404**
Option 1 ID : **4410095922524**
Option 2 ID : **4410095922525**
Option 3 ID : **4410095922523**
Option 4 ID : **4410095922522**
Status : **Answered C**
Chosen Option :

Q.136 **In incomplete metamorphosis, the immature stage is called:**

Ans
✗ A. Caterpillar
✗ B. Maggot
✗ C. Larva
✓ D. Nymph

Question Type : **MCQ**
Question ID : **4410091506376**
Option 1 ID : **4410095949871**
Option 2 ID : **4410095949872**
Option 3 ID : **4410095949869**
Option 4 ID : **4410095949870**
Status : **Answered A**
Chosen Option :

Q.137 **Which joint movement is involved in gliding?**

Ans
✗ A. Knee
✗ B. Elbow
✗ C. Hip
✓ D. Wrist

Question Type : **MCQ**
Question ID : **4410091522447**
Option 1 ID : **4410096012911**
Option 2 ID : **4410096012913**
Option 3 ID : **4410096012910**
Option 4 ID : **4410096012912**
Status : **Answered D**
Chosen Option :

Q.138 **In which year did Himachal Pradesh become a Union Territory?**

Ans
✗ A. 1948
✓ B. 1956
✗ C. 1950
✗ D. 1960

Question Type : **MCQ**
Question ID : **4410091540615**
Option 1 ID : **4410096085758**
Option 2 ID : **4410096085760**
Option 3 ID : **4410096085759**
Option 4 ID : **4410096085761**
Status : **Answered A**
Chosen Option :

Q.139 **Which Constitutional Amendment placed education in the Concurrent List, allowing both the Union and the States to make laws on it?**

Ans
✗ A. 44th Amendment
✓ B. 42nd Amendment
✗ C. 73rd Amendment
✗ D. 86th Amendment

Question Type : **MCQ**
Question ID : **4410091480941**
Option 1 ID : **4410095850883**
Option 2 ID : **4410095850882**
Option 3 ID : **4410095850884**
Option 4 ID : **4410095850885**
Status : **Answered D**
Chosen Option :

Q.140 **Which of the following adaptations is primarily responsible for a bird’s ability to turn its head nearly 180 degrees?**

Ans
✗ A. Eyes andvisualcenters in brain arelarge andimportant.
✗ B. Skull is heavy and built with thick bones to protect brain during flight.
✓ C. Skull bones are fused with one occipital condyle.
✗ D. Skeleton is strong, fully ossified and usually pneumatic with air cavities.

Question Type : **MCQ**
Question ID : **4410091502990**
Option 1 ID : **4410095936209**
Option 2 ID : **4410095936208**
Option 3 ID : **4410095936210**
Option 4 ID : **4410095936211**
Status : **Answered B**
Chosen Option :

Q.141 **Which of the following statements best describes depression of freezing point?**

Ans
✗ A. Adding a volatile solute to a solvent increases itsfreezingpoint.
✗ B. Adding a volatile solute to a solvent keeps the freezing point unchanged.
✓ C. Adding a non-volatile solute to a solvent lowers its freezing point.
✗ D. Adding a non-volatile solute to a solvent raises its freezing point.

Question Type : **MCQ**
Question ID : **4410091488728**
Option 1 ID : **4410095881095**
Option 2 ID : **4410095881097**
Option 3 ID : **4410095881096**
Option 4 ID : **4410095881094**
Status : **Answered A**
Chosen Option :

Q.142 **Which of the following is INCORRECT about Bt cotton?**

Ans
✓ A. Bt codes for toxicprotein Cry 2A(b)
✗ B. Bt toxin coding gene is taken from Bacillus thuringiensis
✗ C. Bt toxin is insecticidal in nature
✗ D. Bt cotton is a transgenic plant

Question Type : **MCQ**
Question ID : **4410091517124**
Option 1 ID : **4410095991874**
Option 2 ID : **4410095991875**
Option 3 ID : **4410095991876**
Option 4 ID : **4410095991873**
Status : **Answered C**
Chosen Option :

Q.143 **The adult Ascaris lumbricoides lives in which part of the human body?**

Ans
✓ A. Small intestine
✗ B. Large intestine
✗ C. Stomach
✗ D. Duodenum

Question Type : **MCQ**
Question ID : **4410091497371**
Option 1 ID : **4410095914591**
Option 2 ID : **4410095914592**
Option 3 ID : **4410095914589**
Option 4 ID : **4410095914590**
Status : **Answered A**
Chosen Option :

Q.144 **The cells responsible for creating water current and food capture in sponges are:**

Ans
✓ A. Choanocytes
✗ B. Amoebocytes
✗ C. Porocytes
✗ D. Pinacocytes

Question Type : **MCQ**
Question ID : **4410091489876**
Option 1 ID : **4410095885543**
Option 2 ID : **4410095885541**
Option 3 ID : **4410095885544**
Option 4 ID : **4410095885542**
Status : **Answered A**
Chosen Option :

Q.145 **Which of the following processes involves the denaturation of proteins?**

Ans
✗ A. Mixing flour andwater
✗ B. Peeling of oranges and bananas
✗ C. Chopping vegetables
✓ D. Boiling an egg

Question Type : **MCQ**
Question ID : **441009644161**

Option 1 ID : **4410092530832**
Option 2 ID : **4410092530833**
Option 3 ID : **4410092530830**
Option 4 ID : **4410092530831**
Status : **Answered C**
Chosen Option :

Q.146 **Which of the following organisms act as the main decomposers in a forest ecosystem?**

Ans
✗ A. Birds
✗ B. Earthworms
✗ C. Insects
✓ D. Fungi and bacteria

Question Type : **MCQ**
Question ID : **4410091499752**
Option 1 ID : **4410095923901**
Option 2 ID : **4410095923898**
Option 3 ID : **4410095923900**
Option 4 ID : **4410095923899**
Status : **Answered A**
Chosen Option :

Q.147 **Which of the following statements about bacterial flagellum is NOT correct?**

Ans
✗ A. Bacterialflagellum iscomposedof threeparts – filament, hookand basal body.
✗ B. The filament is the longest portion and extends from the cell surface to the outside.
✓ C. Flagella do not play a role in motility.
✗ D. Bacteria show a range in the number and arrangement of flagella.

Question Type : **MCQ**
Question ID : **4410091521278**
Option 1 ID : **4410096008270**
Option 2 ID : **4410096008271**
Option 3 ID : **4410096008272**
Option 4 ID : **4410096008269**
Status : **Answered A**
Chosen Option :

Q.148 **Which of the following cells are present in the lining of spongocoel and helps maintain water flow in sponges?**

Ans
✗ A. Interstitialcells
✗ B. Cnidoblast
✗ C. Hemocytes
✓ D. Choanocytes

Question Type : **MCQ**
Question ID : **4410091484464**
Option 1 ID : **4410095864772**
Option 2 ID : **4410095864770**
Option 3 ID : **4410095864771**
Option 4 ID : **4410095864769**
Status : **Answered D**
Chosen Option :

Q.149 **Which of the following statements about racemization is NOT correct?**

Ans
✗ A. Racemization converts an optically activecompoundintoanoptically inactiveracemicmixture.
✗ B. Racemization results in a product containing equal proportions of two enantiomers.
✓ C. Racemization is the process of converting a racemic mixture into pure enantiomers.
✗ D. Racemization can occur spontaneously if a suitable pathway exists for interconversion of enantiomers.

Question Type : **MCQ**
Question ID : **4410091491443**
Option 1 ID : **4410095891553**
Option 2 ID : **4410095891554**
Option 3 ID : **4410095891555**
Option 4 ID : **4410095891556**
Status : **Answered C**
Chosen Option :

Q.150 **Electronegativity is highest for elements that have:**

Ans
✗ A. high metallic character
✗ B. large atomic radius
✓ C. high ionization energy and high electron affinity
✗ D. low effective nuclear charge

Question Type : **MCQ**
Question ID : **4410091505654**
Option 1 ID : **4410095947011**
Option 2 ID : **4410095947010**
Option 3 ID : **4410095947008**
Option 4 ID : **4410095947009**
Status : **Answered B**
Chosen Option :

Q.151 **Which intermolecular force primarily affects the boiling point of nonpolar liquids?**

Ans
✗ A. Ion-dipole forcesduetodissolvedsalts
✗ B. Hydrogen bonding interactions
✗ C. Dipole-dipole attractions between polar groups
✓ D. Dispersion forces from instantaneous dipoles

Question Type : **MCQ**
Question ID : **4410091488574**
Option 1 ID : **4410095880500**
Option 2 ID : **4410095880499**
Option 3 ID : **4410095880502**
Option 4 ID : **4410095880501**
Status : **Answered C**
Chosen Option :

Q.152 **What was one major change that came into effect when the Constitution was adopted?**

Ans
✓ A. India became a republicwithanelectedPresident
✗ B. India abolished adult franchise
✗ C. British Parliament retained control over defence
✗ D. States lost all legislative powers

Question Type : **MCQ**
Question ID : **4410091503540**
Option 1 ID : **4410095938353**
Option 2 ID : **4410095938355**
Option 3 ID : **4410095938354**
Option 4 ID : **4410095938352**
Status : **Answered A**
Chosen Option :

Q.153 **Hemophilia is an example of which type of genetic disorder?**

Ans
✗ A. Y-linked disorder
✓ B. X-linked recessive disorder
✗ C. Autosomal dominant disorder
✗ D. Autosomal codominant disorder

Question Type : **MCQ**
Question ID : **4410091505806**
Option 1 ID : **4410095947617**
Option 2 ID : **4410095947618**
Option 3 ID : **4410095947619**
Option 4 ID : **4410095947616**
Status : **Answered B**
Chosen Option :

Q.154 **Indigestion tablets (antacids) mainly consist of which substance?**

Ans
✓ A. Weak bases
✗ B. Strong acids
✗ C. Weak acids
✗ D. Strong bases

Question Type : **MCQ**
Question ID : **4410091520612**
Option 1 ID : **4410096005670**
Option 2 ID : **4410096005671**
Option 3 ID : **4410096005668**
Option 4 ID : **4410096005669**
Status : **Answered B**
Chosen Option :

Q.155 **निम्निलिखत वाक्य के रखिांकत शब्द का विलोम बताएं -
'मानवी को परीक्षा में प्रथम पुरुस्कार मिला।'**

Ans
✓ A. दंड
✗ B. सम्मान
✗ C. उपहार
✗ D. भटें

Question Type : **MCQ**
Question ID : **4410091487536**
Option 1 ID : **4410095876536**
Option 2 ID : **4410095876535**
Option 3 ID : **4410095876537**
Option 4 ID : **4410095876538**
Status : **Answered C**
Chosen Option :

Q.156 **In Periplaneta americana, which structural modification of the head provides flexibility in movement and articulation with the thorax?**

Ans
✗ A. Development of bitingand chewingmouthparts
✗ B. Attachment of antennae to the frons
✗ C. Presence of compound eyes with multiple ommatidia
✓ D. Formation of a small, triangular neck or cervicum between head and thorax

Question Type : **MCQ**
Question ID : **4410091485166**
Option 1 ID : **4410095867135**
Option 2 ID : **4410095867136**
Option 3 ID : **4410095867134**
Option 4 ID : **4410095867133**
Status : **Answered C**
Chosen Option :

Q.157 **Which of the following types of organisms are infected by T-even bacteriophages?**

Ans
✗ A. Animals
✓ B. Bacteria
✗ C. Plants
✗ D. Fungi

Question Type : **MCQ**
Question ID : **4410091490035**
Option 1 ID : **4410095886164**
Option 2 ID : **4410095886163**
Option 3 ID : **4410095886162**
Option 4 ID : **4410095886161**
Status : **Answered B**
Chosen Option :

Q.158 **What is the process by which heat is transferred through direct contact between particles of a substance?**

Ans
✗ A. Radiation
✗ B. Insulation
✗ C. Convection
✓ D. Conduction

Question Type : **MCQ**
Question ID : **4410099625293**
Option 1 ID : **4410092455305**
Option 2 ID : **4410092455306**
Option 3 ID : **4410092455304**
Option 4 ID : **4410092455307**
Status : **Answered D**
Chosen Option :

Q.159 **Using Woodward–Fieser rules, calculate the approximate maximum absorption wavelength (λmax) for an acyclic triene with Base value = 214 nm, Three alkyl substituents, and One exocyclic double bond.**

Ans
✗ A. 254 nm
✗ B. 227 nm
✗ C. 214 nm
✓ D. 234 nm

Question Type : **MCQ**
Question ID : **4410091485703**
Option 1 ID : **4410095869292**
Option 2 ID : **4410095869290**
Option 3 ID : **4410095869289**
Option 4 ID : **4410095869291**
Status : **Answered C**
Chosen Option :

Q.160 **As of October 2025, into how many districts is Himachal Pradesh divided?**

Ans
✓ A. 12
✗ B. 11
✗ C. 10
✗ D. 13

Question Type : **MCQ**
Question ID : **4410091529913**
Option 1 ID : **4410096042756**
Option 2 ID : **4410096042755**
Option 3 ID : **4410096042754**
Option 4 ID : **4410096042757**
Status : **Answered A**
Chosen Option :

Q.161 **Which of the following types of crosses can yield maximum degree of heterosis?**

Ans
✗ A. Intervarietal cross
✗ B. Interspecific cross
✓ C. Intergeneric cross
✗ D. Intravarietal cross

Question Type : **MCQ**
Question ID : **4410091492393**
Option 1 ID : **4410095895309**
Option 2 ID : **4410095895310**
Option 3 ID : **4410095895311**
Option 4 ID : **4410095895312**
Status : **Answered B**
Chosen Option :

Q.162 **‘दूध के दाँत न टूटना’**
उपरोक्त मुहावरे का सही अर्थ क्या है?

Ans
✗ A. समझदारबन जाना
✗ B. बहुत साहसी होना
✗ C. बहुत अनभुवी होना
✓ D. अनभुवहीन होना

Question Type : **MCQ**
Question ID : **4410091489297**
Option 1 ID : **4410095883290**
Option 2 ID : **4410095883289**
Option 3 ID : **4410095883287**
Option 4 ID : **4410095883288**
Status : **Answered D**
Chosen Option :

Q.163 **Which monomers form the copolymer Lexan?**

Ans
✗ A. Acrylonitrile+Butadiene
✗ B. Styrene + Butadiene
✓ C. Bisphenol-A + Phosgene
✗ D. Ethylene + Vinyl acetate

Question Type : **MCQ**
Question ID : **4410091504587**
Option 1 ID : **4410095942801**
Option 2 ID : **4410095942799**
Option 3 ID : **4410095942798**
Option 4 ID : **4410095942800**
Status : **Answered B**
Chosen Option :

Q.164 **The wonder drug Penicillin was first extracted by Alexander Fleming from which organism?**

Ans
✗ A. Aspergillus niger
✗ B. Ganoderma lucidum
✗ C. Pleurotus ostreatus
✓ D. Penicillium notatum

Question Type : **MCQ**
Question ID : **4410091488953**
Option 1 ID : **4410095881974**
Option 2 ID : **4410095881977**
Option 3 ID : **4410095881975**
Option 4 ID : **4410095881976**
Status : **Answered D**
Chosen Option :

Q.165 **Which of the following best describes the role and origin of**

Capsular Hydrostatic Pressure (CHP) in the Bowman's capsule?

Ans
- ✗ A. It is a pressure that favorsfiltrationand is generated by the pumping force of the heart.
- ✓ B. It is a pressure that opposes filtration and arises from the resistance to flow in the nephron.
- ✗ C. It is a pressure that favors reabsorption and is created by proteins in the capsular fluid.
- ✗ D. It is an osmotic pressure that draws water out of the filtrate and back into the plasma.

Question Type : **MCQ**
Question ID : **4410091513627**
Option 1 ID : **4410095978490**
Option 2 ID : **4410095978492**
Option 3 ID : **4410095978493**
Option 4 ID : **4410095978491**
Status : **Answered C**
Chosen Option :

Q.166 **For a reaction $\Delta H° = +80.0\ kJ \cdot mol^{-1}$ and $\Delta S° = +75.0\ J \cdot mol^{-1} \cdot K^{-1}$, determine the minimum temperature (in K) above which the reaction becomes spontaneous ($\Delta G < 0$).**

Ans
- ✓ A. 1067 K
- ✗ B. 480 K
- ✗ C. 208 K
- ✗ D. 1100 K

Question Type : **MCQ**
Question ID : **4410091487721**
Option 1 ID : **4410095877092**
Option 2 ID : **4410095877091**
Option 3 ID : **4410095877094**
Option 4 ID : **4410095877093**
Status : **Answered A**
Chosen Option :

Q.167 **Which of the following characteristics is unique to mammals among vertebrates?**

Ans
- ✗ A. Warm-bloodednature
- ✗ B. Internal fertilisation
- ✓ C. Presence of mammary glands producing milk
- ✗ D. Presence of a four-chambered heart

Question Type : **MCQ**
Question ID : **4410091489095**
Option 1 ID : **4410095882543**
Option 2 ID : **4410095882544**
Option 3 ID : **4410095882541**
Option 4 ID : **4410095882542**
Status : **Answered A**
Chosen Option :

Q.168 **Which of the following statements about freezing point depression is INCORRECT?**

Ans
- ✓ A. Forstrongelectrolytes,van'tHoff factor decreases withdilution.
- ✗ B. Freezing point depression occurs due to lowering of solvent chemical potential.
- ✗ C. Colligative properties depend only on the number of solute particles.
- ✗ D. ΔT_f is directly proportional to molality.

Question Type : **MCQ**
Question ID : **4410091482384**
Option 1 ID : **4410095856516**
Option 2 ID : **4410095856518**
Option 3 ID : **4410095856517**
Option 4 ID : **4410095856515**
Status : **Answered B**
Chosen Option :

Q.169 **The heart is enclosed in a double-layered sac called:**

Ans
- ✗ A. Endocardium
- ✓ B. Pericardium
- ✗ C. Epicardium
- ✗ D. Myocardium

Question Type : **MCQ**
Question ID : **4410091540366**
Option 1 ID : **4410096084777**
Option 2 ID : **4410096084776**
Option 3 ID : **4410096084778**
Option 4 ID : **4410096084775**
Status : **Answered D**
Chosen Option :

Q.170 **Which state is the largest producer of sugarcane in India?**

Ans
- ✗ A. TamilNadu
- ✗ B. Gujarat
- ✓ C. Uttar Pradesh
- ✗ D. Odisha

Question Type : **MCQ**
Question ID : **4410091500510**
Option 1 ID : **4410095926908**
Option 2 ID : **4410095926910**
Option 3 ID : **4410095926909**
Option 4 ID : **4410095926911**
Status : **Answered C**
Chosen Option :

Q.171 **Which of the following is NOT typically a use of ICT in professional development?**

Ans
- ✓ A. Isolatinglearnersfrom collaboration
- ✗ B. Facilitating self-paced learning
- ✗ C. Tracking progress and certifications
- ✗ D. Delivering online assessments

Question Type : **MCQ**
Question ID : **4410091520896**
Option 1 ID : **4410096006796**
Option 2 ID : **4410096006797**
Option 3 ID : **4410096006794**
Option 4 ID : **4410096006795**
Status : **Answered A**
Chosen Option :

Q.172 **Which law explains the lowering of vapour pressure when a non volatile solute is dissolved in a solvent?**

Ans
- ✗ A. Dalton's law
- ✓ B. Raoult's law
- ✗ C. Boyle's law
- ✗ D. Henry's law

Question Type : **MCQ**
Question ID : **4410091497306**
Option 1 ID : **4410095914330**
Option 2 ID : **4410095914329**
Option 3 ID : **4410095914332**
Option 4 ID : **4410095914331**
Status : **Answered C**
Chosen Option :

Q.173 **Which of the following compositions is closest to that of a typical gem-quality pearl?**

Ans
- ✗ A. 30% calcium carbonate + 65% organicmatrix
- ✓ B. 90% calcium carbonate + 5% conchiolin + water
- ✗ C. 50% calcium carbonate + 50% conchiolin
- ✗ D. 100% calcium carbonate

Question Type : **MCQ**
Question ID : **4410091506459**
Option 1 ID : **4410095950199**
Option 2 ID : **4410095950198**
Option 3 ID : **4410095950197**
Option 4 ID : **4410095950200**
Status : **Answered B**
Chosen Option :

Q.174 **Which of the following statements about sp3 hybridization is NOT correct?**

Ans
- ✗ A. Thegeometryassociatedwithsp3 hybridization is usually tetrahedral.
- ✗ B. Methane exhibits sp3 hybridization at the central carbon atom.
- ✗ C. A sp3 hybridized atom forms four equivalent sigma bonds.
- ✓ D. The bond angle in perfect sp3 hybridization is approximately 120°.

Question Type : **MCQ**
Question ID : **4410091488555**
Option 1 ID : **4410095880424**
Option 2 ID : **4410095880426**
Option 3 ID : **4410095880423**
Option 4 ID : **4410095880425**
Status : **Answered B**
Chosen Option :

Q.175 **The resting membrane potential of a typical neuron is approximately:**

Ans
- ✗ A. -100 mV
- ✗ B. +70 mV
- ✗ C. +90 mV
- ✓ D. -70 mV

Question Type : **MCQ**
Question ID : **4410091517017**
Option 1 ID : **4410095991460**
Option 2 ID : **4410095991457**
Option 3 ID : **4410095991458**
Option 4 ID : **4410095991459**
Status : **Answered B**
Chosen Option :

Q.176 **Himachal Pradesh lies approximately between which of the following latitudes and longitudes?**

Ans
- ✗ A. 34°22′N–37°12′N and 80°45′E–84°04′E
- ✗ B. 20°22′N–23°12′N and 70°45′E–74°04′E
- ✗ C. 24°22′N–27°12′N and 73°45′E–78°04′E
- ✓ D. 30°22′N–33°12′N and 75°45′E–79°04′E

Question Type : **MCQ**
Question ID : **4410091529330**

Option 1 ID : **4410096040426**
Option 2 ID : **4410096040423**
Option 3 ID : **4410096040424**
Option 4 ID : **4410096040425**
Status : **Answered D**
Chosen Option :

Q.177 **In June 2025, which of the following Expressways was unveiled as the India's Longest Animal Overpass Corridor?**

Ans
✓ A. Delhi-Mumbai Expressway
✗ B. Mumbai-Pune Expressway
✗ C. Bangalore-Chennai Expressway
✗ D. Delhi-Meerut Expressway

Question Type : **MCQ**
Question ID : **4410091047312**
Option 1 ID : **4410094138273**
Option 2 ID : **4410094138275**
Option 3 ID : **4410094138276**
Option 4 ID : **4410094138274**
Status : **Answered A**
Chosen Option :

Q.178 **Which of the following factors is NOT responsible for determining the type of species in a seral stage during plant succession?**

Ans
✗ A. Temperatureofthearea
✓ B. Human activities
✗ C. Soil moisture and rainfall
✗ D. Nutrients in the soil

Question Type : **MCQ**
Question ID : **4410091498439**
Option 1 ID : **4410095918765**
Option 2 ID : **4410095918768**
Option 3 ID : **4410095918767**
Option 4 ID : **4410095918766**
Status : **Answered C**
Chosen Option :

Q.179 **How does language contribute to the development of students' metacognitive skills?**

Ans
✗ A. Removes opportunities forself-reflection in learning.
✓ B. Enables reflection on learning processes and supports self-assessment.
✗ C. Encourages rote memorisation over deep understanding.
✗ D. Emphasises external evaluation without learner participation.

Question Type : **MCQ**
Question ID : **4410091481053**
Option 1 ID : **4410095851345**
Option 2 ID : **4410095851342**
Option 3 ID : **4410095851344**
Option 4 ID : **4410095851343**
Status : **Answered B**
Chosen Option :

Q.180 **According to the constructivist perspective, how do students construct knowledge?**

Ans
✗ A. By passively receivinginformation throughlectures
✗ B. By avoiding peer influence during learning
✗ C. By repeating information until mastery is achieved
✓ D. By integrating new ideas with prior knowledge through active engagement

Question Type : **MCQ**
Question ID : **4410091513108**
Option 1 ID : **4410095976463**
Option 2 ID : **4410095976465**
Option 3 ID : **4410095976464**
Option 4 ID : **4410095976462**
Status : **Answered D**
Chosen Option :

Q.181 **Evaluate the Assertion (A) and Reason (R) based on facts and define the relationship between both.**

(A): Carbocations can rearrange to form more stable carbocations during a reaction mechanism.
(R): Migration of alkyl or hydride groups from adjacent atoms occurs only to stabilize free radicals, not carbocations.

Ans
✓ A. Ais truebut R is false.
✗ B. Both A and R are true and R is the correct explanation of A.
✗ C. A is false but R is true.
✗ D. Both A and R are true but R is not the correct explanation of A.

Question Type : **MCQ**
Question ID : **4410091491424**
Option 1 ID : **4410095891479**
Option 2 ID : **4410095891477**
Option 3 ID : **4410095891480**
Option 4 ID : **4410095891478**
Status : **Answered B**
Chosen Option :

Q.182 **Which of the following statements correctly describes benzene?**

Ans
✗ A. It readilyundergoes additionreactions.
✗ B. It is non-planar and fully saturated.
✗ C. It contains only alternating single and double bonds.
✓ D. All C–C bonds are identical and of intermediate length.

Question Type : **MCQ**
Question ID : **4410091502979**
Option 1 ID : **4410095936164**
Option 2 ID : **4410095936167**
Option 3 ID : **4410095936166**
Option 4 ID : **4410095936165**
Status : **Answered C**
Chosen Option :

Q.183 **निम्नलिखित में से अशुद्ध वर्तनी वाले वाक्य का चयन करें।**

Ans
✗ A. बारिश की बूंदों से मिट्टी की खुशबू मन को भा जाती है
✓ B. इंटरनेट ने सुचना प्राप्त करने का तिरका पूरी तरह बदल दिया है
✗ C. सच्ची दोस्ती मुश्किल समय में ही अपनी पहचान दिखाती है
✗ D. शिक्षा व्यक्ति के जीवन में उजाला भरने का माध्यम है

Question Type : **MCQ**
Question ID : **4410091489333**
Option 1 ID : **4410095883410**
Option 2 ID : **4410095883408**
Option 3 ID : **4410095883409**
Option 4 ID : **4410095883411**
Status : **Answered A**
Chosen Option :

Q.184 **To explain the genetic basis of heterosis, dominance hypothesis was put forth by ________.**

Ans
✗ A. Shullin1908
✓ B. Davenport in 1908
✗ C. Philip in 1908
✗ D. East in 1908

Question Type : **MCQ**
Question ID : **4410091517953**
Option 1 ID : **4410095995055**
Option 2 ID : **4410095995054**
Option 3 ID : **4410095995057**
Option 4 ID : **4410095995056**
Status : **Answered C**
Chosen Option :

Q.185 **दिए गए वाक्य के रेखांकित शब्द का विलोम पहचानें-**
यह मंदिर अपनी दैविक शक्ति के लिए प्रसिद्ध है।

Ans
✗ A. पवित्र
✗ B. ईश्वरीय
✓ C. भौतिक
✗ D. अलौकिक

Question Type : **MCQ**
Question ID : **4410091489418**
Option 1 ID : **4410095883724**
Option 2 ID : **4410095883722**
Option 3 ID : **4410095883721**
Option 4 ID : **4410095883723**
Status : **Answered D**
Chosen Option :

Q.186 **Which type of flight is characterized by minimal wing flapping and maximum wing extension?**

Ans
✗ A. Hovering
✓ B. Soaring
✗ C. Flapping flight
✗ D. Burst flight

Question Type : **MCQ**
Question ID : **4410091512821**
Option 1 ID : **4410095975319**
Option 2 ID : **4410095975318**
Option 3 ID : **4410095975320**
Option 4 ID : **4410095975321**
Status : **Answered C**
Chosen Option :

Q.187 **The following option shows that the tetradynamous condition refers to:**

Ans
✗ A. 6 stamens 2 outer longer and 4 inner shorter
✗ B. 6 stamens 4 outer shorter and 2 inner longer
✗ C. 4 stamens 2 shorter and 2 longer
✓ D. 6 stamens, 2 outer shorter and 4 inner longer

Question Type : **MCQ**
Question ID : **4410091507279**
Option 1 ID : **4410095953671**
Option 2 ID : **4410095953670**

Option 3 ID : **4410095953672**
Option 4 ID : **4410095953669**
Status : **Answered B**
Chosen Option :

Q.188 **Which statement best represents the dynamic relationship between disciplines and school subjects?**

Ans
✗ A. Subjectsremain unchangeddespite disciplinaryprogress
✗ B. Disciplines are fixed while subjects evolve without direction
✗ C. Disciplines and subjects exist without mutual interaction
✓ D. Subjects simplify disciplinary knowledge and prepare future scholars

Question Type : **MCQ**
Question ID : **4410091481133**
Option 1 ID : **4410095851672**
Option 2 ID : **4410095851673**
Option 3 ID : **4410095851671**
Option 4 ID : **4410095851670**
Status : **Answered C**
Chosen Option :

Q.189 **The hormone that stimulates secretion of pancreatic juice rich in bicarbonate is:**

Ans
✗ A. Cholecystokinin
✓ B. Secretin
✗ C. Pepsin
✗ D. Gastrin

Question Type : **MCQ**
Question ID : **4410091498811**
Option 1 ID : **4410095920162**
Option 2 ID : **4410095920161**
Option 3 ID : **4410095920163**
Option 4 ID : **4410095920160**
Status : **Answered A**
Chosen Option :

Q.190 **Which of the following characteristics is NOT an adaptation in hill stream fishes to survive in fast flowing hill stream environment?**

Ans
✗ A. Eyesaresmall andpushedtowardsthe uppersurface of head.
✗ B. Ventral surface is smooth without scales for attachment on rocky bottom.
✓ C. Well-developed air bladders are present to stay in swift currents.
✗ D. A ventral sucking disc formed by modified pelvic and pectoral fins.

Question Type : **MCQ**
Question ID : **4410091521692**
Option 1 ID : **4410096009899**
Option 2 ID : **4410096009898**
Option 3 ID : **4410096009900**
Option 4 ID : **4410096009901**
Status : **Answered C**
Chosen Option :

Q.191 **Which of the following body symmetries is primarily seen in cnidarians?**

Ans
✗ A. Asymmetry
✓ B. Radial symmetry
✗ C. Biradial symmetry only
✗ D. Bilateral symmetry only

Question Type : **MCQ**
Question ID : **4410091494903**
Option 1 ID : **4410095904966**
Option 2 ID : **4410095904964**
Option 3 ID : **4410095904965**
Option 4 ID : **4410095904963**
Status : **Answered B**
Chosen Option :

Q.192 **The vertebrate endoskeleton is primarily derived from which embryonic tissue?**

Ans
✗ A. Neuralcrestonly
✗ B. Ectoderm
✗ C. Endoderm
✓ D. Mesoderm

Question Type : **MCQ**
Question ID : **4410091497733**
Option 1 ID : **4410095915951**
Option 2 ID : **4410095915948**
Option 3 ID : **4410095915949**
Option 4 ID : **4410095915950**
Status : **Answered B**
Chosen Option :

Q.193 **Which statement correctly explains the Intertropical Convergence Zone (ITCZ)?**

Ans
✗ A. A westerlywind zonenear the Tropic of Capricorn
✓ B. A low-pressure equatorial zone where trade winds converge
✗ C. A cold front formed over the Himalayas
✗ D. A high-pressure belt located near the poles

Question Type : **MCQ**
Question ID : **4410091523931**
Option 1 ID : **4410096019005**
Option 2 ID : **4410096019004**
Option 3 ID : **4410096019006**
Option 4 ID : **4410096019003**
Status : **Answered B**
Chosen Option :

Q.194 **Which experimental observation first supported Werner’s concept of fixed spatial arrangement (secondary valency) in complexes?**

Ans
✗ A. The magnetic momentof $[Ni(CN)]_4^{2-}$
✓ B. The isomerism observed in $[Co(NH_3)_4Cl_2]^+$
✗ C. The optical activity of $[Co(en)_3]^{3+}$
✗ D. The ionization behavior of $[Co(NH_3)_6]Cl_3$

Question Type : **MCQ**
Question ID : **4410091492901**
Option 1 ID : **4410095897293**
Option 2 ID : **4410095897294**
Option 3 ID : **4410095897296**
Option 4 ID : **4410095897295**
Status : **Answered B**
Chosen Option :

Q.195 **निम्नलिखित वाक्य को पूर्ण करने के लिए उचित परिमाणवाचक क्रिया-विशेषण का चयन करें-**
यह काम ______ कठिन है, हमें इसे ध्यान से करना होगा।

Ans
✗ A. अभी
✗ B. ऊपर
✗ C. कभी
✓ D. थोड़ा

Question Type : **MCQ**
Question ID : **4410091489267**
Option 1 ID : **4410095883174**
Option 2 ID : **4410095883173**
Option 3 ID : **4410095883172**
Option 4 ID : **4410095883171**
Status : **Answered D**
Chosen Option :

Q.196 **Which complex can show geometrical isomerism?**

Ans
✓ A. [Pt(NH3)2Cl2]
✗ B. [Cr(H2O)6]3+
✗ C. [ZnCl4]2-
✗ D. [Co(NH3)6]3+

Question Type : **MCQ**
Question ID : **4410091485946**
Option 1 ID : **4410095870241**
Option 2 ID : **4410095870243**
Option 3 ID : **4410095870244**
Option 4 ID : **4410095870242**
Status : **Answered A**
Chosen Option :

Q.197 **The smallest part of an antigen that binds to the antibody is known as:**

Ans
✗ A. Immunogen
✓ B. Epitope
✗ C. Hapten
✗ D. Paratope

Question Type : **MCQ**
Question ID : **4410091499889**
Option 1 ID : **4410095924453**
Option 2 ID : **4410095924452**
Option 3 ID : **4410095924450**
Option 4 ID : **4410095924451**
Status : **Answered A**
Chosen Option :

Comprehension:

Read the following passage and answer the given questions. Books serve many purposes in human life. Some fill the mind with facts, others sharpen reasoning and critical thinking, and a few simply offer joy and pure pleasure. Yet, not every book deserves the same kind of attention or time. Some are like light snacks, to be tasted quickly and forgotten soon after. Others are like wholesome meals, to be swallowed and enjoyed. And a rare few must be chewed slowly and deeply digested, for they contain profound wisdom and timeless truth. Reading alone, however, is not enough; it must influence and refine one’s thoughts, emotions, and character. A person who reads becomes knowledgeable, one who also speaks becomes confident, and one who writes becomes clear and precise. True learning lies not in collecting information, but in understanding when, where, and how to use it wisely. A truly well-read person thinks clearly, judges rightly, and applies knowledge with purpose.

SubQuestion No : 198 Which title best captures the main message of the passage?

Q.198

Ans

- ✗ A. Why Writingis Better ThanReading
- ✗ B. How to Judge People by Their Books
- ✓ C. From Reading to Wisdom
- ✗ D. How to Read Faster

Question Type : **MCQ**
Question ID : **4410091412403**
Option 1 ID : **4410095578643**
Option 2 ID : **4410095578642**
Option 3 ID : **4410095578640**
Option 4 ID : **4410095578641**
Status : **Answered C**
Chosen Option :

Comprehension:

Read the following passage and answer the given questions. Books serve many purposes in human life. Some fill the mind with facts, others sharpen reasoning and critical thinking, and a few simply offer joy and pure pleasure. Yet, not every book deserves the same kind of attention or time. Some are like light snacks, to be tasted quickly and forgotten soon after. Others are like wholesome meals, to be swallowed and enjoyed. And a rare few must be chewed slowly and deeply digested, for they contain profound wisdom and timeless truth. Reading alone, however, is not enough; it must influence and refine one’s thoughts, emotions, and character. A person who reads becomes knowledgeable, one who also speaks becomes confident, and one who writes becomes clear and precise. True learning lies not in collecting information, but in understanding when, where, and how to use it wisely. A truly well-read person thinks clearly, judges rightly, and applies knowledge with purpose.

SubQuestion No : 199

What is the closest synonym of “precise” as used in the passage?

Q.199 A. Fast

B. Careless

C. Friendly

Ans D. Accurate

✗
✗
✗
✓

Question Type : **MCQ**
Question ID : **4410091412404**
Option 1 ID : **4410095578647**
Option 2 ID : **4410095578644**
Option 3 ID : **4410095578646**
Option 4 ID : **4410095578645**
Status : **Answered D**
Chosen Option :

Comprehension:

Read the following passage and answer the given questions. Books serve many purposes in human life. Some fill the mind with facts, others sharpen reasoning and critical thinking, and a few simply offer joy and pure pleasure. Yet, not every book deserves the same kind of attention or time. Some are like light snacks, to be tasted quickly and forgotten soon after. Others are like wholesome meals, to be swallowed and enjoyed. And a rare few must be chewed slowly and deeply digested, for they contain profound wisdom and timeless truth. Reading alone, however, is not enough; it must influence and refine one’s thoughts, emotions, and character. A person who reads becomes knowledgeable, one who also speaks becomes confident, and one who writes becomes clear and precise. True learning lies not in collecting information, but in understanding when, where, and how to use it wisely. A truly well-read person thinks clearly, judges rightly, and applies knowledge with purpose.

SubQuestion No : 200 What is the central theme of the passage?

Q.200

Ans

- ✓ A. Truelearninginvolvesthoughtfulapplication
- ✗ B. All books should be treated equally
- ✗ C. Only difficult books are valuable
- ✗ D. Fun books are useless

Question Type : **MCQ**
Question ID : **4410091412405**
Option 1 ID : **4410095578651**
Option 2 ID : **4410095578648**
Option 3 ID : **4410095578649**
Option 4 ID : **4410095578650**
Status : **Answered A**
Chosen Option :

"