Govt of Himachal Pradesh
Himachal Pradesh Higher Courses Apang
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Assessment Name/Examination for the post of Translator Hindi/English

Candidate's ID
Roll No.
Candidate's Name
Father's Name
Date of Birth
Age

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Candidate Exam Day Photograph

Marks : Correct Answers (1 Mark Each) + Bonus

Q1. Which of the following is true for evaporation?
- (a) It is a heterogeneous process
- (b) It is a process in which liquid turns into gaseous state
- (c) It is a heterogeneous equilibrium
- (d) It is an irreversible process

Q2. 'will wag for' the signal : 'as and

- (a) of / for
- (b) to / and
- (c) for / and
- (d) as / and

Q3. The equilibrium constant ratio couple is
$K = [H^+][OH^-]$
If the range of PH is 0 to 14 pH is at 0.001 X per pH unit, the number of electrons involved must be _____.
- (a) 1
- (b) 2
- (c) 7
- (d) 3

Q4. The stability of benzene is best explained by which concept?
- (a) Resonance energy
- (b) Delocalization of pi electrons
- (c) Presence of double bonds
- (d) Presence of isolated double bonds

Q5. What is meant by the 10% law of energy transfer in an ecosystem?
- (a) It is a universal constant
- (b) Only 10 kcal of energy is present in the next trophic level
- (c) 10% of energy is lost as heat
- (d) 10% of organisms survive in each

Q6. The common oxidation states of vanadium in its compounds are
- (a) 2, 3, 4, 5, 6
- (b) 1, 2, 3, 4, 5
- (c) 0, 1, 2, 3
- (d) 0, 2, 3, 4

Q7. Which of the following is correct for the enthalpy of mixing of two ideal gases?
- (a) Positive value
- (b) Negative value
- (c) Zero value
- (d) Depends on pressure only

Q8. What will happen if a current carrying aluminium ribbon using a spirit lamp?
- (a) It will melt
- (b) It will burn with a blue flame
- (c) It will burn with a green flame
- (d) It will burn with a yellow flame

Q9. In the colonial period, which year is correctly associated with Shimla being declared the summer capital of British India?
- (a) 1864
- (b) 1865
- (c) 1866
- (d) 1867

Q10. Why is the I_3^- ion much smaller than other alkali metal cations?
- (a) Because of the electron which is less, making it compact and with a strong effective nuclear charge pulling
- (b) Because of the electron which is more, making it compact and with a strong effective nuclear charge pulling
- (c) Because the nucleus pulls electrons which increases the volume and decreases the size
- (d) Because the nucleus pulls electrons which increases the volume and decreases the size

Q11. Which of the following structures in amphibians helps in detecting low-frequency vibrations from the ground?
- (a) Tympanic membrane
- (b) Lateral line system
- (c) Nictitating membrane
- (d) Tarsal glands

Q12. Which of the following unique events of Rigveda Mandala involves triple fusion and symbolizes the union of Agni, Soma, and Vayu?
- (a) Vivaha Sukta
- (b) Yajna Sukta
- (c) Dasarajna Sukta
- (d) Purusha Sukta

Q13. Each vowel in the word CONTAIN is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following will be the third letter from the right in the new group of letters thus formed?
- (a) T
- (b) V
- (c) S
- (d) U

Q14. Parts of a sentence are given below. While the first part (S1) is in the correct place, the remaining parts (labelled A, B, C and D) are jumbled up. Which of the following is the correct order to form a meaningful and coherent sentence.
S1. Many people think that
A. how ordinary people
B. is the best way
C. in centuries long past
D. lived, worked and celebrated
- (a) CDBA
- (b) CBDA
- (c) DBCA
- (d) DCBA

Q15. The process by which an insect transforms from larva to an adult is called
- (a) Metamorphosis
- (b) Metagenesis
- (c) Metacarpalia
- (d) Metaphysis

Q16. Which of the following best exemplifies the role of phonemic awareness in reading development?
- (a) Memorizing whole words by sight
- (b) Connecting consonant and vowel letters to form spoken words
- (c) Understanding the meaning of a sentence by analyzing its structure
- (d) Reading fluently when engaging in non-meaningful activities

Q17. Which of the following is called naked seeded plant?
- (a) Angiosperm
- (b) Gymnosperm
- (c) Pteridophyte
- (d) Bryophyte

Q18. In an automobile, the fuel burns to move the vehicle. This process involves the transformation of _____.
- (a) chemical energy into mechanical energy
- (b) mechanical energy into chemical energy
- (c) chemical energy into heat energy
- (d) mechanical energy into heat energy

Q19. The commercially important substance, agar, is produced from the algae
- (a) Ulva
- (b) Laminaria and Sargassum
- (c) Laminaria and Nereocystis
- (d) Gelidium

Q20. Which anatomical feature is most directly linked to the efficiency of flight in birds, as it helps reduce drag and improve airflow during flapping and gliding?
- (a) Presence of feathers
- (b) Streamlined body shape
- (c) Hollow bones
- (d) Strong flight muscles

Q21. Warm-up exercises are essential because they:
- (a) Increase the risk of dehydration
- (b) Prepare the muscles and joints for activity
- (c) Reduce blood pressure before physical activity
- (d) Gradually prepare muscles for exertion

Q22. Which of the following is an example of a plant having both bisexual and aromatic properties?
- (a) Rose and Lily
- (b) Rose and Mint
- (c) Mint and Lily
- (d) Neem and Rose

Q23. The basic functional unit of a skeletal muscle is:
- (a) Myofibril
- (b) Sarcomere
- (c) Myofilament
- (d) Sarcolemma

Q24. Art education is important because it helps learners to:
- (a) Memorize historical facts and dates
- (b) Focus only on mastering technical skills
- (c) Develop self-expression and creative thinking
- (d) Avoid emotional engagement

Q25. Refer to the three statements given below and choose the correct option.
Statement I: Free radicals can propagate chain reactions by addition to a double bond.
Statement II: Free radicals are diamagnetic species.
Statement III: Free radical propagation can form polymers such as polyethene.
- (a) Only Statement II and III are true
- (b) Only Statement I and II are true
- (c) Only Statement I and III are true
- (d) All Statement I, II and III are true

Q26. Why does the heated mixture of iron and sulphur no longer behave like iron or sulphur separately?
- (a) It is a mixture and not a pure substance
- (b) It is a pure substance and not a mixture
- (c) It is a heterogeneous mixture
- (d) It is a compound and not a mixture

Q27. Which of the following structural contrasts and forces water into a tube foot, resulting in its extension?
- (a) Ampulla, Pump
- (b) Canal, Pump
- (c) Canal, Ampulla
- (d) Ampulla, Pump

Q28. Which hydropower project in Himachal Pradesh is located on the Sutlej River in the Shimla district and is one of the largest?
- (a) Chamera I Hydroelectric Project
- (b) Bhakra Nangal Hydroelectric Project
- (c) Dhauliganga Hydroelectric Project
- (d) Nathpa Jhakri Hydroelectric Project

Q29. Why is it recommended to use locally available resources in developing TLMs?
- (a) To save transportation and storage costs
- (b) To promote sustainability and reduce waste
- (c) To make students compete
- (d) To make materials unique

Q30. The life cycle of Ascaris involves how many hosts?
- (a) Three
- (b) Two
- (c) One
- (d) Four

Q31. Which of the following statements correctly differentiates Ascomycetes from Basidiomycetes?
- (a) Ascomycetes form spores in basidia, while Basidiomycetes produce conidia externally
- (b) Ascomycetes lack septate hyphae, while Basidiomycetes possess coenocytic hyphae
- (c) Ascomycetes produce ascospores in asci, while Basidiomycetes form basidiospores on basidia
- (d) Ascomycetes are always unicellular, while Basidiomycetes are multicellular

Q32. Which of the following is true about the summer capital of Himachal Pradesh?
- (a) It is located in Kangra district
- (b) It is known as the Queen of Hills
- (c) It is the capital of Himachal Pradesh
- (d) It is the only hill station in Himachal Pradesh

Q33. Which of the following structures is responsible for the movement of water in the water vascular system?
- (a) Madreporite
- (b) Ampulla
- (c) Tube feet
- (d) Stone canal

Q34. There are _____ cranial bones in the entire skull, each of which has a distinctive shape.
- (a) 6 pairs
- (b) 8 pairs
- (c) 8
- (d) 12

Q35. In which part of the brain do you adult Amphotericone disulfonate accumulate?
- (a) Cerebellum
- (b) Cerebrum
- (c) Hypothalamus
- (d) Cortex

Q36. A core attribute of an effective peace teacher is the ability to:
- (a) Impose control using disciplinary measures
- (b) Maintain neutrality in all classroom discussions
- (c) Facilitate dialogue and encourage reflection
- (d) Prevent disagreements to maintain harmonious

Q37. What is the SI unit of the mold depression constant K? ?
- (a) K kg mol^{-1}
- (b) K mol kg^{-1}
- (c) K kg
- (d) K mol

Q38. Which of the following acts is NOT correctly matched with respect to the plant hormone and its physiological effect?
- (a) Auxin : Promotes cell elongation and root formation
- (b) Gibberellin : Promotes seed germination and stem elongation
- (c) Cytokinin : Delays senescence in leaves and fruits
- (d) Ethylene : Promotes fruit ripening and leaf abscission

Q39. According to modern classification, protists are grouped in which of the following domains?
- (a) Archaea
- (b) Eukarya
- (c) Bacteria
- (d) Viruses

Q40. In the ammonium ion (NH_4^+), the bond between the nitrogen and the fourth hydrogen is a coordinate bond because:
- (a) It requires an external energy source
- (b) It is an ionic interaction
- (c) Hydrogen donates both electrons to nitrogen
- (d) The electrons are shared equally

Q41. Which principle most strongly underpins national policies on environmental education?
- (a) Ensuring environmental education is taught as a separate subject area
- (b) Promoting learning activities to help pupils become aware about
- (c) Developing environmental awareness, values and behaviours for active participation
- (d) Focusing on the conservation of wildlife and biodiversity

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Q1. The district political head over the Shimla Hill States was firstly established after which event?
- A. The Anglo-Sikh War (Ref. Hist)
- B. The Gurkha War
- C. Treaty of Sugauli ending the Gurkha War (Ref. Hist)
- D. Treaty of Lalli

Question Type: MCQ
Question ID: a1111111111111
Option 1 ID: a1111111111112
Option 2 ID: a1111111111113
Option 3 ID: a1111111111114
Option 4 ID: a1111111111115
Status: Answered
Chosen Option: C

Q2. Select the INCORRECT statement(s) about Molecular Orbital Theory (MOT).
(i) MOT can explain the paramagnetism of molecules such as O_2 and NO, which Lewis theory cannot.
(ii) The MO diagram of the heteronuclear diatomic molecule CO can be easily predicted by photoelectron spectroscopy (PES).
(iii) In MOT of molecules, all the electrons are paired according to Aufbau principle.

- A. (i) only
- B. (i) and (ii) only
- C. (ii) only
- D. (ii) and (iii) only

Question Type: MCQ
Question ID: a1111111111116
Option 1 ID: a1111111111117
Option 2 ID: a1111111111118
Option 3 ID: a1111111111119
Option 4 ID: a1111111111120
Status: Answered
Chosen Option: C

Q3. Insulin is secreted by which cells in the pancreas?
- A. Beta cells
- B. Alpha cells
- C. Delta cells
- D. Gamma cells

Question Type: MCQ
Question ID: a1111111111121
Option 1 ID: a1111111111122
Option 2 ID: a1111111111123
Option 3 ID: a1111111111124
Option 4 ID: a1111111111125
Status: Answered
Chosen Option: A

Q4. Which of the following compound shows maximum H-bonding?
- A. CH_3-CH_2-OH
- B. CH_3-O-CH_3
- C. CH_3-CHO
- D. CH_3-COOH

Question Type: MCQ
Question ID: a1111111111126
Option 1 ID: a1111111111127
Option 2 ID: a1111111111128
Option 3 ID: a1111111111129
Option 4 ID: a1111111111130
Status: Answered
Chosen Option: D

Q5. Which of the following enzymes removes tension created by supercoiling, ahead of the replication fork in E. coli?
- A. Helicase
- B. DNA ligase
- C. DNA gyrase
- D. DNA polymerase

Question Type: MCQ
Question ID: a1111111111131
Option 1 ID: a1111111111132
Option 2 ID: a1111111111133
Option 3 ID: a1111111111134
Option 4 ID: a1111111111135
Status: Answered
Chosen Option: C

Q6. Which of the following compounds shows maximum H-bonding?
- A. CH_3-CH_2-OH
- B. CH_3-O-CH_3
- C. CH_3-CHO
- D. CH_3-COOH

Question Type: MCQ
Question ID: a1111111111136
Option 1 ID: a1111111111137
Option 2 ID: a1111111111138
Option 3 ID: a1111111111139
Option 4 ID: a1111111111140
Status: Answered
Chosen Option: D

Q7. Which of the following pairs represents a set of diastereomers rather than enantiomers?
- A. (R,R)-2,3-Dibromobutane and (S,S)-2,3-Dibromobutane
- B. (R,R)-2,3-Dibromobutane and (R,S)-2,3-Dibromobutane
- C. (R,R)-2,3-Dibromobutane and (S,S)-2,3-Dibromobutane
- D. (R,S)-2,3-Dibromobutane and (S,S)-2,3-Dibromobutane

Question Type: MCQ
Question ID: a1111111111141
Option 1 ID: a1111111111142
Option 2 ID: a1111111111143
Option 3 ID: a1111111111144
Option 4 ID: a1111111111145
Status: Answered
Chosen Option: C

Q8. Based on the English alphabetical sequence of the following words, which word will appear in the middle if they are arranged in a group. Which symbol is the fourth from starting in that group? (Hint: Consider the first and last word as the number of letters and count from the first position in the letter cluster.)
- A. Tie
- B. Tile
- C. Tale
- D. Tall

Question Type: MCQ
Question ID: a1111111111146
Option 1 ID: a1111111111147
Option 2 ID: a1111111111148
Option 3 ID: a1111111111149
Option 4 ID: a1111111111150
Status: Answered
Chosen Option: B

Q9. Which of the following statements about electron affinity is correct?
- A. Fluorine (F) has the highest electron affinity among all elements.
- B. Noble gases have the highest electron affinity.
- C. Metals have higher electron affinity than nonmetals.
- D. Group 17 elements (Cl, Br, I) have zero electron affinity.

Question Type: MCQ
Question ID: a1111111111151
Option 1 ID: a1111111111152
Option 2 ID: a1111111111153
Option 3 ID: a1111111111154
Option 4 ID: a1111111111155
Status: Answered
Chosen Option: A

Q10. Which of the following colons are called termination codon?
- A. UAA, UAG and UGA
- B. UAA, UAC and UGA
- C. UAG, UCA and UGA
- D. UCA, UCC and UCG

Question Type: MCQ
Question ID: a1111111111156
Option 1 ID: a1111111111157
Option 2 ID: a1111111111158
Option 3 ID: a1111111111159
Option 4 ID: a1111111111160
Status: Answered
Chosen Option: A

Q11. What is the normal life span in mammals represent?
- A. Life span
- B. Life expectancy
- C. The maximum age recorded among animals and disease
- D. Longevity

Question Type: MCQ
Question ID: a1111111111161
Option 1 ID: a1111111111162
Option 2 ID: a1111111111163
Option 3 ID: a1111111111164
Option 4 ID: a1111111111165
Status: Answered
Chosen Option: C

Q12. The infective stage of Wuchereria bancrofti to humans is
- A. L1 larva
- B. L2 larva
- C. L3 larva
- D. L4 larva

Question Type: MCQ
Question ID: a1111111111166
Option 1 ID: a1111111111167
Option 2 ID: a1111111111168
Option 3 ID: a1111111111169
Option 4 ID: a1111111111170
Status: Answered
Chosen Option: C

Q13. Under the 2003 Aravali Green Wall project, which State initiated the plantation of 24,390 hectares of degraded Aravali land in June 2022?
- A. Punjab
- B. Haryana
- C. Rajasthan
- D. Gujarat

Question Type: MCQ
Question ID: a1111111111171
Option 1 ID: a1111111111172
Option 2 ID: a1111111111173
Option 3 ID: a1111111111174
Option 4 ID: a1111111111175
Status: Answered
Chosen Option: B

Q14. Which of the following is correct for chemisorption?
- A. It is multimolecular.
- B. It is reversible.
- C. It is specific in nature.
- D. Enthalpy of adsorption is low.

Question Type: MCQ
Question ID: a1111111111176
Option 1 ID: a1111111111177
Option 2 ID: a1111111111178
Option 3 ID: a1111111111179
Option 4 ID: a1111111111180
Status: Answered
Chosen Option: C

Q15. Which of the following is found to have stored food in the form of starch?
- A. Chara
- B. Ulothrix
- C. Spirogyra
- D. Ulva

Question Type: MCQ
Question ID: a1111111111181
Option 1 ID: a1111111111182
Option 2 ID: a1111111111183
Option 3 ID: a1111111111184
Option 4 ID: a1111111111185
Status: Answered
Chosen Option: C

Q16. Which cation is detected by forming a red precipitate with potassium ferrocyanide $(K_4[Fe(CN)_6])$?
- A. Cu^{2+}
- B. Ni^{2+}
- C. Fe^{3+}
- D. Co^{2+}

Question Type: MCQ
Question ID: a1111111111186
Option 1 ID: a1111111111187
Option 2 ID: a1111111111188
Option 3 ID: a1111111111189
Option 4 ID: a1111111111190
Status: Answered
Chosen Option: C

Q17. Select the most appropriate option to fill in the blank.
She avoided _____ about her personal life.
- A. talking
- B. to talk
- C. to have talking

Question Type: MCQ
Question ID: a1111111111191
Option 1 ID: a1111111111192
Option 2 ID: a1111111111193
Option 3 ID: a1111111111194
Option 4 ID: a1111111111195
Status: Answered
Chosen Option: A

Q18. Under the Himachal Pradesh government's conservation initiative, which lake was declared the first wetland recognized for its role as a major wintering ground for migratory waterfowl and as a significant wetland for biodiversity conservation?
- A. Tso Moriri Lake
- B. Chandra Taal Lake
- C. Chandertal Lake
- D. Renuka Lake

Question Type: MCQ
Question ID: a1111111111196
Option 1 ID: a1111111111197
Option 2 ID: a1111111111198
Option 3 ID: a1111111111199
Option 4 ID: a1111111111200
Status: Answered
Chosen Option: C

Q19. निम्नलिखित वाक्य को एक शब्द में लिखिए। जो दीन-दुखियों की सेवा करता है, वह
- A. दीनदुखी
- B. दीनसेवी
- C. दीनसेवक
- D. दीनसेवा

Question Type: MCQ
Question ID: a1111111111201
Option 1 ID: a1111111111202
Option 2 ID: a1111111111203
Option 3 ID: a1111111111204
Option 4 ID: a1111111111205
Status: Answered
Chosen Option: C

Q20. Identify the non-communicable disease.
- A. Malaria
- B. Tuberculosis
- C. Cancer
- D. Chickenpox

Question Type: MCQ
Question ID: a1111111111206
Option 1 ID: a1111111111207
Option 2 ID: a1111111111208
Option 3 ID: a1111111111209
Option 4 ID: a1111111111210
Status: Answered
Chosen Option: C

Q21. Down a group in the periodic table, ionization energy
- A. Increases irregularly
- B. Increases regularly from top
- C. Decreases regularly from top
- D. Decreases irregularly

Question Type: MCQ
Question ID: a1111111111211
Option 1 ID: a1111111111212
Option 2 ID: a1111111111213
Option 3 ID: a1111111111214
Option 4 ID: a1111111111215
Status: Answered
Chosen Option: C

Q22. Which of the following is the most commonly used cross-linker in Fischer-Cohn equation of tectonics?
- A. DMDS
- B. DMSO
- C. DMF
- D. DMA

Question Type: MCQ
Question ID: a1111111111216
Option 1 ID: a1111111111217
Option 2 ID: a1111111111218
Option 3 ID: a1111111111219
Option 4 ID: a1111111111220
Status: Answered
Chosen Option: B

Q23. The dipole moment of CH3Cl is 1.87 D, while that of CCl4 is zero. The correct explanation is that:
- A. Cl atoms in CCl4 are heavier than H atoms in CH3Cl
- B. C–Cl bonds in CCl4 are nonpolar
- C. The molecular geometry of CCl4 is tetrahedral, so the C–Cl bond dipoles cancel
- D. The C–Cl bond in CH3Cl is stronger than in CCl4

Question Type: MCQ
Question ID: a1111111111221
Option 1 ID: a1111111111222
Option 2 ID: a1111111111223
Option 3 ID: a1111111111224
Option 4 ID: a1111111111225
Status: Answered
Chosen Option: C

Q24. The process of 'Ratooning' in sugarcane cultivation refers to
- A. The harvesting of sugarcane at the ripening stage
- B. Cutting sugarcane from below after harvesting the main crop
- C. Planting sugarcane in a ratoon pattern
- D. The practice of using leaves as animal feeding

Question Type: MCQ
Question ID: a1111111111226
Option 1 ID: a1111111111227
Option 2 ID: a1111111111228
Option 3 ID: a1111111111229
Option 4 ID: a1111111111230
Status: Answered
Chosen Option: B

Q25. Select the most appropriate option that can be used as a one-word substitute for the highlighted segment in the given sentence.
The man tells the tragic story of a man who committed the heinous act of killing his own brother.
- A. repeats
- B. narrates
- C. reveals
- D. describes

Question Type: MCQ
Question ID: a1111111111231
Option 1 ID: a1111111111232
Option 2 ID: a1111111111233
Option 3 ID: a1111111111234
Option 4 ID: a1111111111235
Status: Answered
Chosen Option: B

Q26. Which of the following compounds undergoes electrophilic addition reaction most readily?
- A. $CH_3-CH=CH_2$ (Propene) (Correct)
- B. $CH_2=CH_2$ (Ethene)
- C. $CH_3-CH=CH-CH_3$ (But-2-ene)
- D. $CH_2=CH-CH=CH_2$ (Buta-1,3-diene)

Question Type: MCQ
Question ID: a1111111111236
Option 1 ID: a1111111111237
Option 2 ID: a1111111111238
Option 3 ID: a1111111111239
Option 4 ID: a1111111111240
Status: Answered
Chosen Option: A

Q27. Who served as the last Governor-General of the East India Company and became the first Viceroy of India under the British Crown?
- A. Lord Cornwallis
- B. Lord Wellesley
- C. Lord Hastings
- D. Lord Canning

Question Type: MCQ
Question ID: a1111111111241
Option 1 ID: a1111111111242
Option 2 ID: a1111111111243
Option 3 ID: a1111111111244
Option 4 ID: a1111111111245
Status: Answered
Chosen Option: D

Q28. Select the INCORRECTLY spelt word in the given sentence. Sometimes, the combination of ambition, motivation, and mutual coordination are truly indispensable.
- A. coordination
- B. motivation
- C. ambition
- D. indispensable

Question Type: MCQ
Question ID: a1111111111246
Option 1 ID: a1111111111247
Option 2 ID: a1111111111248
Option 3 ID: a1111111111249
Option 4 ID: a1111111111250
Status: Answered
Chosen Option: A

Q29. Biphenyl can exhibit chirality under which condition?
- A. Presence of a plane of symmetry
- B. Presence of a chiral center
- C. Two ortho substituents that are not identical
- D. Two ortho substituents that are identical

Question Type: MCQ
Question ID: a1111111111251
Option 1 ID: a1111111111252
Option 2 ID: a1111111111253
Option 3 ID: a1111111111254
Option 4 ID: a1111111111255
Status: Answered
Chosen Option: C

Q30. From which point of view, the district Kangra has been in the news lately edu-Science?
- A. Tourism
- B. Art
- C. Culture
- D. Agriculture

Question Type: MCQ
Question ID: a1111111111256
Option 1 ID: a1111111111257
Option 2 ID: a1111111111258
Option 3 ID: a1111111111259
Option 4 ID: a1111111111260
Status: Answered
Chosen Option: A

Q31. Under the Mukhyamantri Sahi Ashray(Sukhashraya Scheme of Himachal Pradesh, orphaned children are granted which special legal status?
- A. Guardian of the State
- B. Ward of the Court
- C. Children's Special Charges
- D. Children's Special Category

Question Type: MCQ
Question ID: a1111111111261
Option 1 ID: a1111111111262
Option 2 ID: a1111111111263
Option 3 ID: a1111111111264
Option 4 ID: a1111111111265
Status: Answered
Chosen Option: B

Q32. Which of the following genes have been introduced in rice to increase Golden Rice?
- A. Psy and crtI
- B. Psy and lcy
- C. crtI and lcy
- D. Psy and crtI gene

Question Type: MCQ
Question ID: a1111111111266
Option 1 ID: a1111111111267
Option 2 ID: a1111111111268
Option 3 ID: a1111111111269
Option 4 ID: a1111111111270
Status: Answered
Chosen Option: A

Q33. Which one characteristic feature of reptiles that make them fully adapted to terrestrial life?
- A. Scales
- B. Dry skin
- C. Internal fertilization
- D. Amniotic egg

Question Type: MCQ
Question ID: a1111111111271
Option 1 ID: a1111111111272
Option 2 ID: a1111111111273
Option 3 ID: a1111111111274
Option 4 ID: a1111111111275
Status: Answered
Chosen Option: D

Q34. According to Confucius, "What I do, I know" emphasizes which type of learning?
- A. Experiential learning
- B. Rote learning
- C. Classroom learning
- D. Memorization

Question Type: MCQ
Question ID: a1111111111276
Option 1 ID: a1111111111277
Option 2 ID: a1111111111278
Option 3 ID: a1111111111279
Option 4 ID: a1111111111280
Status: Answered
Chosen Option: A

Q35. The term Oekologie (now Ecology) was introduced by _____ and was defined as the relationship of animal to its organic as well as inorganic environment.
- A. Haeckel
- B. Odum
- C. Tansley
- D. Warming

Question Type: MCQ
Question ID: a1111111111281
Option 1 ID: a1111111111282
Option 2 ID: a1111111111283
Option 3 ID: a1111111111284
Option 4 ID: a1111111111285
Status: Answered
Chosen Option: A

Q36. निम्नलिखित वाक्य को एक शब्द में लिखिए। जो दीन-दुखियों की सेवा करता है, वह
- A. दीनदुखी
- B. दीनसेवी
- C. दीनसेवक
- D. दीनसेवा

Question Type: MCQ
Question ID: a1111111111286
Option 1 ID: a1111111111287
Option 2 ID: a1111111111288
Option 3 ID: a1111111111289
Option 4 ID: a1111111111290
Status: Answered
Chosen Option: C

Q37. Which phylum includes animals with a water vascular system and tube feet?
- A. Arthropoda
- B. Chordata
- C. Echinodermata
- D. Mollusca

Question Type: MCQ
Question ID: a1111111111291
Option 1 ID: a1111111111292
Option 2 ID: a1111111111293
Option 3 ID: a1111111111294
Option 4 ID: a1111111111295
Status: Answered
Chosen Option: C

Q38. Taenia solium is commonly known as:
- A. Pork tapeworm
- B. Fish tapeworm
- C. Beef tapeworm
- D. Dog tapeworm

Question Type: MCQ
Question ID: a1111111111296
Option 1 ID: a1111111111297
Option 2 ID: a1111111111298
Option 3 ID: a1111111111299
Option 4 ID: a1111111111300
Status: Answered
Chosen Option: A

Q39. Which of the following correctly defines the electronegative force per unit of a point?
- A. The ratio of electric potential energy to the charge placed at that point
- B. The difference between electric potential and electric field strength
- C. The product of electric potential and the distance from the point charge
- D. The difference between the electric potential energy and the charge

Question Type: MCQ
Question ID: a1111111111301
Option 1 ID: a1111111111302
Option 2 ID: a1111111111303
Option 3 ID: a1111111111304
Option 4 ID: a1111111111305
Status: Answered
Chosen Option: A

Q40. Which of the following statements is NOT correct regarding Aortic and Pulmonary Ascaris in the host's intestine?
- A. Aortic and the Pulmonary Ascaris are found in the small intestine.
- B. Aortic and the Pulmonary Ascaris are found in the large intestine.
- C. The Aortic and the Pulmonary Ascaris are found in the small intestine.
- D. The Aortic and the Pulmonary Ascaris are found in the large intestine.

Question Type: MCQ
Question ID: a1111111111306
Option 1 ID: a1111111111307
Option 2 ID: a1111111111308
Option 3 ID: a1111111111309
Option 4 ID: a1111111111310
Status: Answered
Chosen Option: C

Q41. What is the primary characteristic of mammals in the order Monotremata that distinguishes them from all other mammals?
- A. They are viviparous
- B. They have a single opening for reproduction and excretion
- C. They are poisonous when stung by their spurs
- D. They lack fur entirely, relying on blubber for insulation

Question Type: MCQ
Question ID: a1111111111311
Option 1 ID: a1111111111312
Option 2 ID: a1111111111313
Option 3 ID: a1111111111314
Option 4 ID: a1111111111315
Status: Answered
Chosen Option: B

Q42. What is the hybridisation of the central atom (P) in PCl_5 ?
- A. sp^3
- B. sp^2
- C. sp^3d
- D. sp^3d^2

Question Type: MCQ
Question ID: a1111111111316
Option 1 ID: a1111111111317
Option 2 ID: a1111111111318
Option 3 ID: a1111111111319
Option 4 ID: a1111111111320
Status: Answered
Chosen Option: C

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Question Type: MCQ
Question ID: a1111111111
Option 1ID: a1111111112
Option 2ID: a1111111113
Option 3ID: a1111111114
Option 4ID: a1111111115
Status: Answered
Chosen Option: 3

Q9. The mass production of ammonia in industries is achieved using which process?

- 1. Contact Process
- 2. Ostwald Process
- 3. Haber Process ✓

Question Type: MCQ
Question ID: a1111111121
Option 1ID: a1111111122
Option 2ID: a1111111123
Option 3ID: a1111111124
Option 4ID: a1111111125
Status: Answered
Chosen Option: 2

Q10. Community volunteers are essential in disasters mainly because they:

- 1. Can substitute all skilled professionals
- 2. Are the first to reach and assess damage ✓
- 3. Have more funding than government agencies
- 4. They never leave the affected area

Question Type: MCQ
Question ID: a1111111131
Option 1ID: a1111111132
Option 2ID: a1111111133
Option 3ID: a1111111134
Option 4ID: a1111111135
Status: Answered
Chosen Option: 2

Q11. Which of the following is a key principle in educating children with special needs in inclusive schools?

- 1. Segregating children with disabilities
- 2. Providing individualized support within mainstream classes ✓
- 3. Focusing solely on academic performance
- 4. Keeping children with disabilities away from others

Question Type: MCQ
Question ID: a1111111141
Option 1ID: a1111111142
Option 2ID: a1111111143
Option 3ID: a1111111144
Option 4ID: a1111111145
Status: Answered
Chosen Option: 2

Q12. Which of the following are collectively known as Indian Major Rivers?

- 1. Ganga, Indus, and Sutlej
- 2. Ravi, Beas, and Brahmaputra
- 3. Ganga, Indus, and Yamuna
- 4. Indus, Ravi, and Chenab ✓

Question Type: MCQ
Question ID: a1111111151
Option 1ID: a1111111152
Option 2ID: a1111111153
Option 3ID: a1111111154
Option 4ID: a1111111155
Status: Answered
Chosen Option: 4

Q13. Which of the following organs is used by most molluscs for feeding?

- 1. Gills
- 2. Radula ✓
- 3. Siphon
- 4. Mantle

Question Type: MCQ
Question ID: a1111111161
Option 1ID: a1111111162
Option 2ID: a1111111163
Option 3ID: a1111111164
Option 4ID: a1111111165
Status: Answered
Chosen Option: 2

Q14. In Himachal Pradesh, which region is home to several rare and threatened plant species such as the snow leopard, Himalayan musk deer, and the Kashmir stag?

- 1. Trans-Himalayan Region
- 2. Shivalik Hills
- 3. Lahaul and Spiti ✓
- 4. Kullu Valley

Question Type: MCQ
Question ID: a1111111171
Option 1ID: a1111111172
Option 2ID: a1111111173
Option 3ID: a1111111174
Option 4ID: a1111111175
Status: Marked For Review
Chosen Option: 3

Q15. In vertebrates, which structure commonly serves both excretory and reproductive functions, forming part of the urogenital system?

- 1. Ureter
- 2. Kidney tubule
- 3. Cloaca ✓
- 4. Nephron

Question Type: MCQ
Question ID: a1111111181
Option 1ID: a1111111182
Option 2ID: a1111111183
Option 3ID: a1111111184
Option 4ID: a1111111185
Status: Answered
Chosen Option: 3

Q16. Which of the following statements is FALSE in reference to the role of government institutions in disaster management?

- 1. Comprehensive operations are solely and only the regulate governing Modern law
- 2. Disaster management is the responsibility of the government alone ✓
- 3. They also have elements of governance and science

Question Type: MCQ
Question ID: a1111111191
Option 1ID: a1111111192
Option 2ID: a1111111193
Option 3ID: a1111111194
Status: Answered
Chosen Option: 2

Q17. Evaluate the Assertion (A) and Reason (R) given below and define the relationship between them. Assertion (A): The enthalpy of adsorption for chemisorption is much higher than that for physisorption. Reason (R): Chemisorption involves electron sharing between the surface while physical adsorption involves van der Waals forces.

- 1. Both A and R are true and R is the correct explanation of A ✓
- 2. Both A and R are true but R is not the correct explanation of A
- 3. A is true but R is false
- 4. A is false but R is true

Question Type: MCQ
Question ID: a1111111201
Option 1ID: a1111111202
Option 2ID: a1111111203
Option 3ID: a1111111204
Option 4ID: a1111111205
Status: Marked For Review
Chosen Option: 1

Q18. Which of the following supports collaborative learning?

- 1. Teacher-centered
- 2. Peer interaction ✓
- 3. Isolated
- 4. Competitive

Question Type: MCQ
Question ID: a1111111211
Option 1ID: a1111111212
Option 2ID: a1111111213
Option 3ID: a1111111214
Option 4ID: a1111111215
Status: Answered
Chosen Option: 2

Q19. Which approach focuses on training teachers to use ICT skills effectively in their subject areas?

- 1. Changing Society Approach
- 2. Technological Approach
- 3. Subject Integration Approach ✓
- 4. Teacher-Specific Approach

Question Type: MCQ
Question ID: a1111111221
Option 1ID: a1111111222
Option 2ID: a1111111223
Option 3ID: a1111111224
Option 4ID: a1111111225
Status: Answered
Chosen Option: 3

Q20. During free-radical propagation, the stability of carbon radicals increases in which of the following orders?

- 1. Primary < Secondary < Tertiary
- 2. Tertiary < Secondary < Primary
- 3. Secondary < Primary < Tertiary ✓
- 4. Primary = Secondary = Tertiary

Question Type: MCQ
Question ID: a1111111231
Option 1ID: a1111111232
Option 2ID: a1111111233
Option 3ID: a1111111234
Option 4ID: a1111111235
Status: Answered
Chosen Option: 3

Q21. Lophotrichous bacteria possess _____.

- 1. a single flagellum at one end
- 2. tufts of flagella at one or both ends ✓
- 3. flagella all around the cell body
- 4. a ring of flagella at the equator

Question Type: MCQ
Question ID: a1111111241
Option 1ID: a1111111242
Option 2ID: a1111111243
Option 3ID: a1111111244
Option 4ID: a1111111245
Status: Answered
Chosen Option: 2

Q22. Which of the following is the underlying cause of Down syndrome and a disorder of the autosomal chromosomes in humans?

- 1. It is a genetic disorder caused by an extra copy of chromosome 21 ✓
- 2. It is caused by a deficiency of chromosome 21
- 3. It is caused by an extra copy of chromosome 18
- 4. It is caused by a deficiency of chromosome 18

Question Type: MCQ
Question ID: a1111111251
Option 1ID: a1111111252
Option 2ID: a1111111253
Option 3ID: a1111111254
Option 4ID: a1111111255
Status: Answered
Chosen Option: 1

Q23. What is the formula for calculating speed?

- 1. Speed = Distance × Time
- 2. Speed = Time / Distance
- 3. Speed = Mass × Time
- 4. Speed = Mass / Acceleration ✓

Question Type: MCQ
Question ID: a1111111261
Option 1ID: a1111111262
Option 2ID: a1111111263
Option 3ID: a1111111264
Option 4ID: a1111111265
Status: Answered
Chosen Option: 3

Q24. What type of fatty acid composition is found in Tundra plants that reflects their adaptation to cold?

- 1. They have a high proportion of saturated fatty acids to maintain fluidity
- 2. They have a high proportion of unsaturated fatty acids to maintain fluidity ✓
- 3. They have a high concentration of short-chain fatty acids to lower the freezing point
- 4. They have a high concentration of cholesterol to stabilize membranes

Question Type: MCQ
Question ID: a1111111271
Option 1ID: a1111111272
Option 2ID: a1111111273
Option 3ID: a1111111274
Option 4ID: a1111111275
Status: Answered
Chosen Option: 2

Q25. Refer to the three statements given below and choose the correct option(s).
Statement A: Ethane forms only one chlorethane product on monochlorination.
Statement B: Propane gives both 1-chloropropane and 2-chloropropane.
Statement C: In bromination of propane, 1-bromopropane is the predominate.

- 1. Statement A, statement B and statement C
- 2. Only Statement B and statement C
- 3. Only Statement A and statement B ✓
- 4. Only Statement A and statement C

Question Type: MCQ
Question ID: a1111111281
Option 1ID: a1111111282
Option 2ID: a1111111283
Option 3ID: a1111111284
Option 4ID: a1111111285
Status: Answered
Chosen Option: 3

Q26. Match the following features of types of stomata given in the table.

a. Parenchymatic cells surround two chlorenchymatic guard cells	i. Grass, sedges surround two chlorenchymatic guard cells and two subsidiary cells parallel to the long axis of the guard cells
b. Cruciferous or Rubiaceous	ii. Mint, tomato surround two chlorenchymatic guard cells and two subsidiary cells of which one is distinctly smaller than the other
c. Paracytic or Rubiaceous	iii. Mint, tomato surround two chlorenchymatic guard cells and two subsidiary cells perpendicular to the long axis of the guard cells
d. Graminaceous or Poaceous	iv. Grass, sedges surround two chlorenchymatic guard cells and two subsidiary cells which are oblique to the guard cells

- 1. a - i, b - ii, c - iii, d - iv
- 2. a - iii, b - ii, c - iv, d - i
- 3. a - ii, b - iii, c - i, d - iv
- 4. a - iv, b - iii, c - ii, d - i ✓

Question Type: MCQ
Question ID: a1111111291
Option 1ID: a1111111292
Option 2ID: a1111111293
Option 3ID: a1111111294
Option 4ID: a1111111295
Status: Answered
Chosen Option: 4

Q27. Which of the following was a defining feature of the Great Depression (1930s)?

- 1. Rapid industrialization in developing countries
- 2. Widespread bank failures and collapsing agriculture ✓
- 3. Global economic boom and rising stock prices
- 4. Hyperinflation in Europe

Question Type: MCQ
Question ID: a1111111301
Option 1ID: a1111111302
Option 2ID: a1111111303
Option 3ID: a1111111304
Option 4ID: a1111111305
Status: Answered
Chosen Option: 2

Q28. Glyphosate is a broad spectrum herbicide that acts a _____ and _____ inhibitor of _____.

- 1. Competitive, competitive, enzyme
- 2. Competitive, competitive, coenzyme
- 3. Competitive, uncompetitive, substrate
- 4. Non-competitive, competitive, enzyme ✓

Question Type: MCQ
Question ID: a1111111311
Option 1ID: a1111111312
Option 2ID: a1111111313
Option 3ID: a1111111314
Option 4ID: a1111111315
Status: Answered
Chosen Option: 4

Q29. At resting state, the resting membrane potential is:

- 1. -70 mV ✓
- 2. +70 mV
- 3. 0 mV
- 4. -55 mV

Question Type: MCQ
Question ID: a1111111321
Option 1ID: a1111111322
Option 2ID: a1111111323
Option 3ID: a1111111324
Option 4ID: a1111111325
Status: Answered
Chosen Option: 1

Q30. Which form of oxyuriasis does a predacious fungus develop to capture nematodes?

- 1. Conus
- 2. Knobs
- 3. Hyphae
- 4. Chlamydospore ✓

Question Type: MCQ
Question ID: a1111111331
Option 1ID: a1111111332
Option 2ID: a1111111333
Option 3ID: a1111111334
Option 4ID: a1111111335
Status: Answered
Chosen Option: 4

Q31. In flashy fruits, which of the following layers is often fleshy and edible or fibrous?

- 1. Endocarp
- 2. Pericarp ✓
- 3. Mesocarp
- 4. Epicarp

Question Type: MCQ
Question ID: a1111111341
Option 1ID: a1111111342
Option 2ID: a1111111343
Option 3ID: a1111111344
Option 4ID: a1111111345
Status: Answered
Chosen Option: 2

Q32. The key regulatory enzyme of glycolysis that is allosterically inhibited by ATP is _____.

- 1. Hexokinase
- 2. Phosphofructokinase ✓
- 3. Pyruvate kinase
- 4. Enolase

Question Type: MCQ
Question ID: a1111111351
Option 1ID: a1111111352
Option 2ID: a1111111353
Option 3ID: a1111111354
Option 4ID: a1111111355
Status: Answered
Chosen Option: 2

Q33. Which of the following chemical bonds is responsible for stabilities in a nucleic acid?

- 1. N-glycosidic bond
- 2. Phosphodiester bond ✓
- 3. Peptide bond
- 4. Hydrogen bond

Question Type: MCQ
Question ID: a1111111361
Option 1ID: a1111111362
Option 2ID: a1111111363
Option 3ID: a1111111364
Option 4ID: a1111111365
Status: Answered
Chosen Option: 2

Q34. An important alkaloid called reserpine is extracted from _____.

- 1. Rauwolfia serpentina ✓
- 2. Cassia fistula
- 3. Papaver somniferum

Question Type: MCQ
Question ID: a1111111371
Option 1ID: a1111111372
Option 2ID: a1111111373
Option 3ID: a1111111374
Option 4ID: a1111111375
Status: Answered
Chosen Option: 1

Q35. The National Education Policy (2020) proposes the establishment of _____.

- 1. Gram Shiksha Samitis (Village Education Committees)
- 2. Vidya Pravesh Programme (Entry to School Programme)
- 3. Balika Samridhi Yojana (Girl Child Prosperity Scheme)
- 4. Bal Bhavans (Children's Centres) ✓

Question Type: MCQ
Question ID: a1111111381
Option 1ID: a1111111382
Option 2ID: a1111111383
Option 3ID: a1111111384
Option 4ID: a1111111385
Status: Answered
Chosen Option: 4

Q36. Select the most appropriate article to fill in the blank. If no article is needed, select 'No article required'.
_____ most awesome sunset I had ever seen in my life.

- 1. A
- 2. An ✓
- 3. The
- 4. No article required

Question Type: MCQ
Question ID: a1111111391
Option 1ID: a1111111392
Option 2ID: a1111111393
Option 3ID: a1111111394
Option 4ID: a1111111395
Status: Answered
Chosen Option: 2

Q37. Nuclear fission is the process in which:

- 1. Two nuclei join to form a heavier nucleus
- 2. A heavy nucleus splits into smaller nuclei ✓
- 3. Electrons are transferred between atoms
- 4. Protons are converted into neutrons

Question Type: MCQ
Question ID: a1111111401
Option 1ID: a1111111402
Option 2ID: a1111111403
Option 3ID: a1111111404
Option 4ID: a1111111405
Status: Answered
Chosen Option: 2

Q38. Phosphyrin is a special form of chlorophyll that lacks _____.

- 1. Chelate
- 2. Phytol
- 3. Magnesium
- 4. Porphyrin ✓

Question Type: MCQ
Question ID: a1111111411
Option 1ID: a1111111412
Option 2ID: a1111111413
Option 3ID: a1111111414
Option 4ID: a1111111415
Status: Answered
Chosen Option: 4

Q39. Identify the part of ANTONYMS in the given sentence. The editor removed sentences that were redundant and kept only the ideas that were essential to the chapter.

- 1. Removed, essential
- 2. Editor, chapter
- 3. Kept, only ✓

Question Type: MCQ
Question ID: a1111111421
Option 1ID: a1111111422
Option 2ID: a1111111423
Option 3ID: a1111111424
Option 4ID: a1111111425
Status: Answered
Chosen Option: 3

Q40. Roundworms belonging to Phylum Nemathelminthes show which type of body symmetry and body cavity?

- 1. Radial symmetry and coelomate
- 2. Bilateral symmetry and pseudocoelomate ✓
- 3. Bilateral symmetry and true coelom
- 4. Asymmetrical and acoelomate

Question Type: MCQ
Question ID: a1111111431
Option 1ID: a1111111432
Option 2ID: a1111111433
Option 3ID: a1111111434
Option 4ID: a1111111435
Status: Answered
Chosen Option: 2

Q41. Withdraw x'x' away word and water as wire so'.

- 1. Withdraw, wire, so
- 2. Withdraw, away, word and water and x'x'
- 3. Withdraw, away, word and water and x'x', so ✓
- 4. Away, x'x' and so

Question Type: MCQ
Question ID: a1111111441
Option 1ID: a1111111442
Option 2ID: a1111111443
Option 3ID: a1111111444
Option 4ID: a1111111445
Status: Answered
Chosen Option: 3

Q42. Withdraw was & flee on x'x'and deaf3le by a ' ' Identify the words in bold in the sentence.

- 1. x'x' ✓
- 2. Flee
- 3. Deaf
- 4. and

Question Type: MCQ
Question ID: a1111111451
Option 1ID: a1111111452
Option 2ID: a1111111453
Option 3ID: a1111111454
Option 4ID: a1111111455
Status: Answered
Chosen Option: 1

Q43. Which of the following statements correctly describes the following change in a chemical reaction at constant pressure?

- 1. A chemical change absorbs the change in temperature only
- 2. A chemical change releases the change in temperature only
- 3. A chemical change releases the change in temperature and energy
- 4. A chemical change releases the heat energy the process ✓

Question Type: MCQ
Question ID: a1111111461
Option 1ID: a1111111462
Option 2ID: a1111111463
Option 3ID: a1111111464
Option 4ID: a1111111465
Status: Answered
Chosen Option: 4

Q44. The sound of gymnosperms is often described as a softened because _____.

- 1. Their leaves are smaller
- 2. It is muted by the wind ✓
- 3. Their trunks are thinner
- 4. They grow in dense forests

Question Type: MCQ
Question ID: a1111111471
Option 1ID: a1111111472
Option 2ID: a1111111473
Option 3ID: a1111111474
Option 4ID: a1111111475
Status: Answered
Chosen Option: 2

Q45. Which of the following polymers is formed through a chain-growth polymerization mechanism?

- 1. Nylon-6
- 2. Polyester
- 3. Starch
- 4. Polyethylene ✓

Question Type: MCQ
Question ID: a1111111481
Option 1ID: a1111111482
Option 2ID: a1111111483
Option 3ID: a1111111484
Option 4ID: a1111111485
Status: Answered
Chosen Option: 4

Q46. Which property of money ensures that individuals can compare the worth of different goods and services?

- 1. Unit of account ✓
- 2. Store of value
- 3. Medium of exchange
- 4. Portability

Question Type: MCQ
Question ID: a1111111491
Option 1ID: a1111111492
Option 2ID: a1111111493
Option 3ID: a1111111494
Option 4ID: a1111111495
Status: Answered
Chosen Option: 1

Q47. If 'A' stands for '+', 'B' stands for '×', 'C' stands for '÷' and 'D' stands for '−', what will come in place of the question mark '?' in the following equation? 10 B 5 C 25 A 5 B ? = 0

- 1. 5
- 2. 25
- 3. 10
- 4. 15 ✓

Question Type: MCQ
Question ID: a1111111501
Option 1ID: a1111111502
Option 2ID: a1111111503
Option 3ID: a1111111504
Option 4ID: a1111111505
Status: Answered
Chosen Option: 4

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Q. A barbarian CANNOT be used for which of the following purposes?
A. Dealing out continuous damage but no alarming amount alone
B. Tanking a boss battle while dishing out respectable damage to others
C. Two shouldn't be left in the same party
D. They don't have a passive ability that benefits the entire party

Q. The phenomenon of 'natural radioactive transmutation' where a heavy nucleus breaks down into smaller parts in the daughter nuclide being which of the following?
A. Alpha nuclide' and beta-plus 1 'beta nuclide' decreases by 2
B. Alpha nuclide' and beta-plus 1 'beta nuclide' decreases by 4
C. Alpha nuclide' and beta-plus 1 'beta nuclide' decreases by 6
D. Alpha nuclide' and beta-plus 1 'beta nuclide' decreases by 8

Q. The 69th UN Commission on the Status of Women, marking the 30th anniversary of the Beijing Declaration, convened in
A. Geneva
B. Brussels
C. Vienna
D. Nairobi

Q. For Fraise-Crafts alkylation followed by halogenation, the reagent used is
A. Anhydrous AlCl3 & Cl2
B. Anhydrous FeCl3 & Br2
C. Anhydrous AlCl3 & Br2
D. Anhydrous FeCl3 & Cl2

Q. Which of the following statements about the structure of benzene is NOT correct?
A. The C-C bond length is intermediate between that of the single and double
B. The six carbon atoms and the six hydrogen atoms lie in the same plane
C. All the bond angles are 120°
D. All the C-C bond lengths are 154 pm

Q. When using a single catalyst undergoes a series of radioactive disintegrations, finally forming Pb-208, how many α and β- particles are emitted, respectively?
A. 6 and 4
B. 4 and 6
C. 8 and 6
D. 6 and 8

Q. What is the role of the Directorate General of Training (DGT) in India?
A. Promoting Industrial Training Institutes (ITIs)
B. Regulating stock markets
C. Overseeing academic research papers
D. Conducting scientific experiments

Q. What is a major concern regarding the quality of education in many developing countries?
A. Excessive emphasis on practical skills
B. Over-reliance on technology in rural schools
C. Lack of qualified teachers and resources
D. Lack of qualified teachers and resources Manufacturer

Q. The waves of wavelength 25 m and frequency 12 megahertz are emitted by a radio station. The velocity of the emitted radio waves will be _____
A. 3 × 10 m/sec
B. 3 × 10 km/sec
C. 3 × 10 cm/sec
D. 3 × 10 mm/sec

Q. Who among the following chaired the 7th National Board for Wildlife Meeting held at National Park in March 2020?
A. Prakash Javdekar
B. Narendra Singh Tomar
C. Piyush Goyal
D. Harsh Vardhan

Q. "Ahhhaan ngwe - is ____ of we ea". What we say this
A. Greeting
B. Good night
C. Sad day
D. Thank you

Q. Which geographical factor primarily divides India into tropical and subtropical climatic zones?
A. Latitude
B. Longitude
C. Altitude
D. Proximity to the sea

Q. Which of the following is NOT a macronutrient required for the growth of plants?
A. Potassium
B. Nitrogen
C. Phosphorus
D. Magnesium

Q. The antigen-binding site on an antibody molecule is primarily formed by the _____ regions.
A. Fc (fragment crystallizable)
B. Hinge
C. Variable (V) regions of the heavy and light chains
D. The constant (C) regions of the heavy and light chains

Q. Which of the following is correct for the SN1 mechanism?
A. The rate depends on [Nu]
B. The rate depends on both
C. The rate depends on neither
D. The rate is unknown

Q. What is the theme of National Technology Day 2022?
A. Technology for Sustainable Development
B. Science, Technology and Innovation for Inclusive Growth
C. Powering the Economy through Science, Technology and Research Technology
D. Integrating Technology, Resources and Technology for Sustainable Growth

Q. Which of the following is a carrier for the enzyme catalase?
A. Ferritin
B. Transferrin
C. Haemoglobin
D. Myoglobin

Q. The machine obtained from Cinchona succirubra is NOT known as
A. Pulmonary tuberculosis
B. Cinchona pubescens source
C. Malaria parasite
D. Tuberculosis

Q. Which of the following are greenhouse gases?
A. Carbon dioxide and methane
B. Carbon monoxide and nitrogen
C. Methane and nitrogen
D. Carbon dioxide and water vapour

Q. The flow of energy in an ecosystem is _____.
A. Cyclic and bidirectional
B. Linear and unidirectional
C. Non-unidirectional & bidirectional depending on the ecosystem
D. Cyclic and unidirectional

Q. Under the Rajiv Gandhi Swarnajayan Gram-ya Yojana (RGSSY), 2010, in Himachal Pradesh, what is the subsidy provided on purchase of an electric car?
A. 10%
B. 20%
C. 30%
D. 50%

Q. Which of the following stage is haploid in the life cycle of an angiosperm?
A. Filamentous zoidal cell
B. Protonemal cell
C. Spore

Q. Marsupials, such as kangaroos, belong to which subclass?
A. Prototheria
B. Theria
C. Metatheria

Q. Under the Himachal Pradesh Panchayati Raj Act, 1994, which option correctly describes the three-tier Panchayati Raj structure?
A. Gram Panchayat - Block Samiti - Zila Parishad
B. Gram Panchayat - Tehsil Council - District Council
C. Village Assembly - Municipal Council - Municipal Corporation

Q. Name the hormone that is most commonly used for induced breeding in carps.
A. Oxytocin
B. Pituitary extract
C. Thyroxine (T4)

Q. In artificial pearl culture, what is the function of the graft tissue taken from the donor oyster?
A. It forms the pearl sac around the nucleus
B. It secretes the nacre that forms the pearl
C. It releases the nucleus into the mantle
D. It makes the host layer to be released

Q. Which of the following statement is NOT true for induced breeding in carps?
A. Induced breeding is possible only in the female
B. Carp pituitary gland is used as a source of pituitary extract
C. Carp pituitary gland is used as a source of pituitary extract
D. Carp pituitary gland is used as a source of pituitary extract

Q. In a wild ecosystem the third supratidal scale touches both the first and the second bearing rests, the species is most likely to be
A. Lizard
B. Cow
C. Human
D. Deer

Q. In a certain code language, 'LEND' is coded as 'TEDI' and 'THINK' is coded as 'KTHI'. What is the code for 'K' in the given code language?
A. 7
B. 9
C. 11
D. 5

Q. Which is the first step in ensuring safety during physical activity sessions?
A. Conducting physical fitness
B. Providing first aid kits
C. Checking equipment
D. Conducting orientation

Q. Which rural credit initiative in Kerala came to be known as the 'Poor Women's Bank'?
A. Kudumbashree
B. Thanima Nidhi Bank
C. Kerala Bank

Q. Which of the following statements are NOT true regarding cleavage?
A. The first cell, developed from the zygote by the oval, is called the blastomere
B. The fruit which, developed from the ovary wall, is called the pericarp
C. The fruit develops from the ovary of flowering plants after fertilization.
D. The fruit develops from the ovary of flowering plants after fertilization.

Q. Which of the following is NOT the benefit of genetic engineering in crop improvement?
A. It helps in the development of crops
B. It helps in the development of crops
C. It is difficult to transfer genes into crops
D. It is difficult to transfer genes into crops

Q. When using a crane as a weight centre for petrochemical and other chemical industries?
A. Crane
B. Crane jib
C. Crane
D. Crane

Q. Which of the following is NOT a type of Gram-positive bacteria?
A. Escherichia coli
B. Staphylococcus aureus
C. Streptococcus pneumoniae
D. Bacillus subtilis

Q. Calculate the change in enthalpy for a system absorbs 100 J of heat and does 40 J of work at constant pressure.
A. 60 J
B. 140 J
C. 100 J

Q. Which of the following Non-Hydro power project ports in Himachal Pradesh is correctly matched?
A. Chamera Hydroelectric Project - Ravi River
B. Karcham Wangtoo Project - Sutlej River
C. Baira Siul Project - Ravi River

Q. Replace the underlined segment with the correct idiom. The soccer-crazed audience got missed crashing into the divider by the narrowest possible margin.
A. Made it by the skin of their teeth
B. Missing by the skin of
C. Came through
D. No change

Q. Which criterion is most critical when selecting a supervised learning algorithm for a problem where the relationship between knowledge construction across human and machine groups?
A. The algorithm's ability to handle non-linear relationships between the input features and the target variable
B. The algorithm's ability to handle non-linear relationships between the input features and the target variable
C. The algorithm's ability to handle non-linear relationships between the input features and the target variable
D. The algorithm's ability to handle non-linear relationships between the input features and the target variable

Q. Which sociological viewpoint fundamentally rejects the idea of a single, universal concept of childhood?
A. A universal stage of human development
B. A universal stage of human development
C. A universal stage of human development
D. A universal stage of human development

Q. Ahhhaan ngwe - "as we dare - wee-wee am-wee
A. Agree to work
B. Love you dad - love
C. Love you mom
D. I am sorry

Q. Which of the following major crops possesses parcitic inflorescence?
A. Cashew
B. Coffee
C. Betel
D. Pepper

Q. Water and minerals are transported from the root in other parts

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of a plant through _____.

Ans
✘ A. Parenchyma
✘ B. Phloem
✔ C. Xylem
✘ D. Cambium

Question Type : **MCQ**
Question ID : **4410091513116**
Option 1 ID : **4410095976497**
Option 2 ID : **4410095976495**
Option 3 ID : **4410095976494**
Option 4 ID : **4410095976496**
Status : **Answered C**
Chosen Option :

Q.164 वाक्यांश के लिए सही विकल्प चुनें
भिवष्य में होने वाला

Ans
✘ A. भाबी
✘ B. भिाव
✘ C. भवी
✔ D. भावी

Question Type : **MCQ**
Question ID : **441009472415**
Option 1 ID : **4410091845074**
Option 2 ID : **4410091845073**
Option 3 ID : **4410091845075**
Option 4 ID : **4410091845076**
Status : **Answered D**
Chosen Option :

Q.165 The type of natural selection that favours intermediate phenotypes is:

Ans
✘ A. Directional selection
✘ B. Disruptive selection
✔ C. Stabilising selection
✘ D. Balancing selection

Question Type : **MCQ**
Question ID : **4410091498973**
Option 1 ID : **4410095920788**
Option 2 ID : **4410095920790**
Option 3 ID : **4410095920789**
Option 4 ID : **4410095920791**
Status : **Answered D**
Chosen Option :

Q.166 Which blood component helps in clot formation?

Ans
✘ A. Monocytes
✔ B. Platelets
✘ C. Lymphocytes
✘ D. Plasma

Question Type : **MCQ**
Question ID : **4410091502235**
Option 1 ID : **4410095933312**
Option 2 ID : **4410095933315**
Option 3 ID : **4410095933313**
Option 4 ID : **4410095933314**
Status : **Answered B**
Chosen Option :

Q.167 The middle non-cellular layer between ectoderm and endoderm in Cnidarians is called:

Ans
✘ A. Mesothelium
✔ B. Mesoglea
✘ C. Mesoderm
✘ D. Mesenchyme

Question Type : **MCQ**
Question ID : **4410091489904**
Option 1 ID : **4410095885656**
Option 2 ID : **4410095885655**
Option 3 ID : **4410095885653**
Option 4 ID : **4410095885654**
Status : **Answered B**
Chosen Option :

Q.168 Which of the following are key characteristics of a virus?
i) They do not have a cellular structure and are not considered true cells.
ii) They have a cellular structure and are considered true cells.
iii) They can only replicate inside a living host cell, as they depend on the host's machinery for their reproduction.
iv) They are active when outside a host cell and can replicate outside a living host cell.

Ans
✔ A. i, iii only
✘ B. i, iv only
✘ C. i, ii only
✘ D. ii, iv only

Question Type : **MCQ**
Question ID : **4410091488221**
Option 1 ID : **4410095879036**
Option 2 ID : **4410095879037**
Option 3 ID : **4410095879038**
Option 4 ID : **4410095879039**
Status : **Marked For Review**
Chosen Option : **A**

Q.169 On the basis of nature and extent of association in the symbionts, which of the following best defines the facultative mutualism?

Ans
✘ A. Two species are physiologicallydependenton eachotherandcannot surviveseparately.
✔ B. Two species can live independently, but under certain conditions, form an association that is beneficial to both.
✘ C. One species benefits from the association while the other is neither harmed nor helped.
✘ D. Two species interact, with one(parasite) harming the other (host), while the host is essential for the parasite's survival.

Question Type : **MCQ**
Question ID : **4410091517997**
Option 1 ID : **4410095995226**
Option 2 ID : **4410095995229**
Option 3 ID : **4410095995228**
Option 4 ID : **4410095995227**
Status : **Answered A**
Chosen Option :

Q.170 Geometrical isomerism in coordination compounds arises due to:

Ans
✔ A. Different spatialarrangements ofidentical ligandsaroundacentralatom
✘ B. Variation in ligand field splitting and orbital hybridization within complexes
✘ C. Unequal electronic transitions among degenerate d-orbitals under external fields
✘ D. Rotation of chelate rings altering oxidation state of the central metal atom

Question Type : **MCQ**
Question ID : **4410091486989**
Option 1 ID : **4410095874359**
Option 2 ID : **4410095874360**
Option 3 ID : **4410095874361**
Option 4 ID : **4410095874362**
Status : **Answered A**
Chosen Option :

Q.171 Brainstorming, concept mapping, and role-playing are examples of which kind of teaching techniques?

Ans
✘ A. Passiveteachingtechniques
✘ B. Solely teacher-centered techniques
✘ C. Memorization techniques
✔ D. Active participatory teaching techniques

Question Type : **MCQ**
Question ID : **4410091514570**
Option 1 ID : **4410095981923**
Option 2 ID : **4410095981925**
Option 3 ID : **4410095981926**
Option 4 ID : **4410095981924**
Status : **Answered D**
Chosen Option :

Q.172 The JAIHIND Scheme for empowering Schedule Tribe Students with Digital & Higher Education Skills was launched in June 2025 by which of the following universities?

Ans
✘ A. BanarasHinduUniversity
✘ B. Chandigarh University
✔ C. Delhi University
✘ D. Anna University

Question Type : **MCQ**
Question ID : **4410091047286**
Option 1 ID : **4410094138176**
Option 2 ID : **4410094138175**
Option 3 ID : **4410094138173**
Option 4 ID : **4410094138174**
Status : **Answered C**
Chosen Option :

Q.173 Match the following metabolites given in column A with their producers in column B.

a. Lactic acid	i. Lactobacillus
b. Citric acid	ii. Aspergillus niger
c. Gluconic acid	iii. Penicillium chrysogenum
d. Kojic acid	iv. Aspergillus oryzae

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

Question Type : **MCQ**
Question ID : **4410091504684**
Option 1 ID : **4410095943188**
Option 2 ID : **4410095943187**
Option 3 ID : **4410095943189**
Option 4 ID : **4410095943186**
Status : **Answered D**
Chosen Option :

Q.174 Which of the following factors is one of the reasons for establishing and maintaining resting potential in a nerve fibre?

Ans
✔ A. Sodiumpotassiumpump transports threesodiumionsoutwardsfortwopotassiumionsintothecell.
✘ B. The continuous influx of sodium ions through voltage-gated channels.
✘ C. The energy-dependent diffusion of chloride ions against their concentration gradient.
✘ D. Sodium potassium pump transports three potassium ions outwards for two sodium ions into the cell.

Question Type : **MCQ**
Question ID : **4410091510729**
Option 1 ID : **4410095966969**
Option 2 ID : **4410095966968**
Option 3 ID : **4410095966971**
Option 4 ID : **4410095966970**
Status : **Answered A**
Chosen Option :

Q.175 Which of the following features is essential to a democratic system?

Ans
✔ A. Freeand fairelections
✘ B. Absence of accountability
✘ C. Unequal voting rights
✘ D. Concentration of power

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Question Type : **MCQ**
Question ID : **4410091503519**
Option 1 ID : **4410095938269**
Option 2 ID : **4410095938271**
Option 3 ID : **4410095938268**
Option 4 ID : **4410095938270**
Status : **Answered A**
Chosen Option :

Q.176 Which emerging trend is transforming disciplinary boundaries?

Ans
✘ A. Increasedtextbook printing
✔ B. Transdisciplinary education
✘ C. Greater emphasis on lectures
✘ D. More annual exams

Question Type : **MCQ**
Question ID : **4410091512948**
Option 1 ID : **4410095975822**
Option 2 ID : **4410095975823**
Option 3 ID : **4410095975825**
Option 4 ID : **4410095975824**
Status : **Answered B**
Chosen Option :

Q.177 Syngenesious is a term describing a floral structure in flowering plants where the anthers of the stamens are fused into a tube, while the filaments remain free. This condition is a defining characteristic of the family ________.

Ans
✘ A. Solanaceae
✘ B. Malvaceae
✘ C. Fabaceae
✔ D. Asteraceae

Question Type : **MCQ**
Question ID : **4410091491142**
Option 1 ID : **4410095890359**
Option 2 ID : **4410095890361**
Option 3 ID : **4410095890358**
Option 4 ID : **4410095890360**
Status : **Answered B**
Chosen Option :

Q.178 The process of implantation in humans begins approximately after how many days post fertilization?

Ans
✘ A. 14 - 16days
✘ B. 5 - 7 days
✘ C. 1 - 2 days
✔ D. 6 - 10 days

Question Type : **MCQ**
Question ID : **4410091516988**
Option 1 ID : **4410095991344**
Option 2 ID : **4410095991342**
Option 3 ID : **4410095991341**
Option 4 ID : **4410095991343**
Status : **Answered A**
Chosen Option :

Q.179 Which of the following is INCORRECT about hybridization used in plant breeding?

Ans
✘ A. Pollinationby the selectedmale parent
✘ B. More chances of cross pollination
✘ C. It requires emasculation
✔ D. Any type of pollination method applied

Question Type : **MCQ**
Question ID : **4410091517554**
Option 1 ID : **4410095993584**
Option 2 ID : **4410095993583**
Option 3 ID : **4410095993582**
Option 4 ID : **4410095993585**
Status : **Answered D**
Chosen Option :

Q.180 निम्निलिखत वाक्य के रखेांकित शब्द का विलोम बताएं -
'सभी प्रातः उठकर ईश्वर का स्मरण करें'

Ans
✔ A. विस्मरण
✘ B. एकातं
✘ C. ज्ञान
✘ D. ध्यान

Question Type : **MCQ**
Question ID : **4410091487526**
Option 1 ID : **4410095876495**
Option 2 ID : **4410095876497**
Option 3 ID : **4410095876498**
Option 4 ID : **4410095876496**
Status : **Answered A**
Chosen Option :

Q.181 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 E and Y live is 10. R lives immediately above T. The sum of floors on which W and E live is 11.
How many people live below Y?

Ans
✘ A. 2
✘ B. 4
✘ C. 3
✔ D. 1

Question Type : **MCQ**
Question ID : **4410091484346**
Option 1 ID : **4410095864294**
Option 2 ID : **4410095864296**
Option 3 ID : **4410095864295**
Option 4 ID : **4410095864293**
Status : **Answered D**
Chosen Option :

Q.182 Which of the following is correct for small specialised roots of Cycas having association with N2 fixing cyanobacteria?

Ans
✘ A. Prop roots
✘ B. Aerial roots
✔ C. Coralloid roots
✘ D. Tap roots

Question Type : **MCQ**
Question ID : **4410091489013**
Option 1 ID : **4410095882209**
Option 2 ID : **4410095882208**
Option 3 ID : **4410095882206**
Option 4 ID : **4410095882207**
Status : **Answered C**
Chosen Option :

Q.183 Identify the correct statement related to ribosomes.

Ans
✘ A. Ribosomes are non-membraneboundorganellesfound inonly eukaryotic
✘ B. Ribosomes are membrane bound organelles found in all cells – both eukaryotic as well as prokaryotic
✘ C. Ribosomes are non-membrane bound organelles found only in prokaryotic
✔ D. Ribosomes are non-membrane bound organelles found in all cells – both eukaryotic as well as prokaryotic

Question Type : **MCQ**
Question ID : **441009625701**
Option 1 ID : **4410092456938**
Option 2 ID : **4410092456936**
Option 3 ID : **4410092456939**
Option 4 ID : **4410092456937**
Status : **Answered D**
Chosen Option :

Q.184 Wellness primarily refers to:

Ans
✘ A. An external measureof medicalfitness
✘ B. A fixed state of physical health
✔ C. A dynamic process of personal wellbeing
✘ D. A professional assessment of lifestyle habits

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Question Type : **MCQ**
Question ID : **4410091514449**
Option 1 ID : **4410095981664**
Option 2 ID : **4410095981663**
Option 3 ID : **4410095981665**
Option 4 ID : **4410095981666**
Status : **Marked For Review**
Chosen Option : **A**

Q.185 Why are Fe, Co and Ni ferromagnetic while most complexes are paramagnetic?

Ans
✘ A. Pairinginteraction
✔ B. Exchange interaction
✘ C. Ionisation interaction
✘ D. Spin quenching interaction

Question Type : **MCQ**
Question ID : **4410091483632**
Option 1 ID : **4410095861405**
Option 2 ID : **4410095861406**
Option 3 ID : **4410095861407**
Option 4 ID : **4410095861408**
Status : **Answered C**
Chosen Option :

Q.186 Calculate the activation energy for a reaction of the graph lnk vs 1/T is a straight line with slope = −2000 K.

Ans
✘ A. 2.08 kJ/mol
✘ B. 208 kJ/mol
✔ C. 16.6 kJ/mol
✘ D. 25.0 kJ/mol

Question Type : **MCQ**
Question ID : **4410091493499**
Option 1 ID : **4410095899621**
Option 2 ID : **4410095899623**
Option 3 ID : **4410095899620**
Option 4 ID : **4410095899622**
Status : **Answered C**
Chosen Option :

Q.187 The type of cleavage in mammals is:

Ans
✘ A. Holoblastic andunequal
✘ B. Superficial cleavage
✘ C. Meroblastic and discoidal
✔ D. Holoblastic and equal

Question Type : **MCQ**
Question ID : **4410091502010**
Option 1 ID : **4410095932453**
Option 2 ID : **4410095932452**
Option 3 ID : **4410095932454**
Option 4 ID : **4410095932455**
Status : **Answered D**
Chosen Option :

Q.188 The Tapovan Vishnugad Hydropower Project in Uttarakhand is constructed on which tributary of the Ganga?

Ans
✘ A. Alaknanda
✘ B. Bhagirathi
✔ C. Dhauliganga
✘ D. Ramganga

Question Type : **MCQ**
Question ID : **4410091523958**
Option 1 ID : **4410096019113**
Option 2 ID : **4410096019111**
Option 3 ID : **4410096019112**
Option 4 ID : **4410096019114**
Status : **Answered B**
Chosen Option :

Q.189 According to the sliding filament theory of muscle contraction, which of the following statements accurately describes a key event?

Ans
✘ A. The A bands shorten, pulling theZdiscs closertogether.
✘ B. The H zone lengthens as the sarcomere contracts.
✘ C. Thick filaments shorten while the thin filaments remain stationary.
✔ D. The I band shorten as thin filaments are pulled over the thick filaments.

Question Type : **MCQ**
Question ID : **4410091510857**
Option 1 ID : **4410095967466**
Option 2 ID : **4410095967468**
Option 3 ID : **4410095967469**
Option 4 ID : **4410095967467**
Status : **Answered D**
Chosen Option :

Q.190 Which organism best represents a primary producer in a grassland ecosystem?

Ans
✔ A. Grass
✘ B. Fox
✘ C. Grasshopper
✘ D. Bison

Question Type : **MCQ**
Question ID : **4410091507445**
Option 1 ID : **4410095954384**
Option 2 ID : **4410095954382**
Option 3 ID : **4410095954383**
Option 4 ID : **4410095954381**
Status : **Answered A**
Chosen Option :

Q.191 Which set of conditions gives the highest yield of ammonia?

Ans
✘ A. Low temperature and low pressure
✘ B. High temperature and low pressure
✔ C. Low temperature and high pressure
✘ D. High temperature and high pressure

Question Type : **MCQ**
Question ID : **4410091496333**
Option 1 ID : **4410095910613**
Option 2 ID : **4410095910615**
Option 3 ID : **4410095910616**
Option 4 ID : **4410095910614**
Status : **Answered C**
Chosen Option :

Q.192 Evaluate the Assertion (A) and Reason (R) based on facts and define the relationship between both.
(A): Sulfonation of toluene occurs faster than that of benzene.
(R): The methyl group in toluene is an electron-withdrawing group.

Ans
✔ A. A is true but R is false
✘ B. A is false but R is true.
✘ C. Both A and R are true but R is not the correct explanation of A.
✘ D. Both A and R are true and R is the correct explanation of A.

Question Type : **MCQ**
Question ID : **4410091491539**
Option 1 ID : **4410095891939**
Option 2 ID : **4410095891940**
Option 3 ID : **4410095891938**
Option 4 ID : **4410095891937**
Status : **Answered A**
Chosen Option :

Q.193 The phenomenon of true serial repetition of body segments (metameres) in earthworms is called:

Ans
✔ A. Metamerism
✘ B. Pseudometamerism
✘ C. Heteronomous tagmatism
✘ D. Tagmosis

Question Type : **MCQ**
Question ID : **4410091506255**
Option 1 ID : **4410095949407**
Option 2 ID : **4410095949408**
Option 3 ID : **4410095949406**
Option 4 ID : **4410095949405**
Status : **Answered A**
Chosen Option :

Q.194 निम्निलिखत वाक्य के रिक्त स्थान में क्रिया-विशेषण शब्द का प्रयोग करें-
'इस विषय की पस्तुकें गरुु जी के पास होंगी।

Ans
✔ A. अवश्य
✘ B. धीरे-धीरे
✘ C. ऊपर
✘ D. कब

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Question Type : **MCQ**
Question ID : **4410091483555**
Option 1 ID : **4410095861106**
Option 2 ID : **4410095861107**
Option 3 ID : **4410095861108**
Option 4 ID : **4410095861105**
Status : **Marked For Review**
Chosen Option : **A**

Q.195 Match the following deficiency diseases with their correct micronutrient elements.

a. Stem crack in Celery	i. Boron
b. Whiptail disease of Cauliflower	ii. Molybdenum
c. Summer die-back of Citrus	iii. Copper
d. Mottle leaf disease of Citrus	iv. Zinc

Ans
✘ A. a - ii, b - i, c - iii, d - iv
✘ B. a - i, b - ii, c - iv, d - iii
✘ C. a - i, b - iv, c - iii, d - ii
✔ D. a - i, b - ii, c - iii, d - iv

Question Type : **MCQ**
Question ID : **4410091517988**
Option 1 ID : **4410095995190**
Option 2 ID : **4410095995192**
Option 3 ID : **4410095995193**
Option 4 ID : **4410095995191**
Status : **Answered C**
Chosen Option :

Q.196 Which of the following pairs of plants is highly prized for aromatherapy?

Ans
✘ A. Aloeveraand Rosemary
✘ B. Ashwagandha and Amla
✘ C. Cinchona and Giloy
✔ D. Lavender and Sandalwood

Question Type : **MCQ**
Question ID : **4410091505001**
Option 1 ID : **4410095944366**
Option 2 ID : **4410095944365**
Option 3 ID : **4410095944368**
Option 4 ID : **4410095944367**
Status : **Answered D**
Chosen Option :

Q.197 Which process allows a system to do the maximum work?

Ans
✘ A. Freeexpansion
✔ B. Reversible expansion
✘ C. Constant volume (isochoric)
✘ D. Irreversible expansion

Question Type : **MCQ**
Question ID : **4410091496082**
Option 1 ID : **4410095909624**
Option 2 ID : **4410095909623**
Option 3 ID : **4410095909622**
Option 4 ID : **4410095909621**
Status : **Answered B**
Chosen Option :

Comprehension:
Read thepassage carefully and answer the questions that follow.

Plastic pollution has become one of the most serious threats to marine ecosystems across the globe. Every year, millions of tons of plastic waste are dumped into oceans, harming marine species and disrupting delicate ecological balances. Sea turtles often mistake plastic bags for jellyfish and die from internal blockages. Seabirds consume plastic fragments thinking they are food, which leads to starvation. Microplastics, broken-down particles from larger plastic items, have entered the food chain, affecting even fish consumed by humans. Scientists have found plastic in the deepest parts of the ocean, indicating that no region is untouched. Moreover, plastic takes hundreds of years to decompose, making its impact long-lasting. Reducing single-use plastics, improving waste management, and raising awareness are essential steps toward protecting marine biodiversity. Unless urgent action is taken, plastic pollution will continue to endanger not only marine life but also human health and the global environment.

SubQuestion No : 198

Q.198 Which marine animal is mentioned as mistaking plastic bags for food?

Ans
✘ A. Sealions
✘ B. Dolphins
✔ C. Sea turtles
✘ D. Octopuses

Question Type : **MCQ**
Question ID : **4410091136399**
Option 1 ID : **4410094480817**
Option 2 ID : **4410094480816**
Option 3 ID : **4410094480818**
Option 4 ID : **4410094480819**
Status : **Answered C**
Chosen Option :

Comprehension:
Read thepassage carefully and answer the questions that follow.

Plastic pollution has become one of the most serious threats to marine ecosystems across the globe. Every year, millions of tons of plastic waste are dumped into oceans, harming marine species and disrupting delicate ecological balances. Sea turtles often mistake plastic bags for jellyfish and die from internal blockages. Seabirds consume plastic fragments thinking they are food, which leads to starvation. Microplastics, broken-down particles from larger plastic items, have entered the food chain, affecting even fish consumed by humans. Scientists have found plastic in the deepest parts of the ocean, indicating that no region is untouched. Moreover, plastic takes hundreds of years to decompose, making its impact long-lasting. Reducing single-use plastics, improving waste management, and raising awareness are essential steps toward protecting marine biodiversity. Unless urgent action is taken, plastic pollution will continue to endanger not only marine life but also human health and the global environment.

SubQuestion No : 199

Q.199 What is one major reason plastic is dangerous to the ocean?

Ans
✘ A. It makes thewaterheavier
✘ B. It attracts large fish
✔ C. It takes hundreds of years to break down
✘ D. It improves the water's chemical content

Question Type : **MCQ**
Question ID : **4410091136400**
Option 1 ID : **4410094480822**
Option 2 ID : **4410094480823**
Option 3 ID : **4410094480820**
Option 4 ID : **4410094480821**
Status : **Answered C**
Chosen Option :

Comprehension:
Read thepassage carefully and answer the questions that follow.

Plastic pollution has become one of the most serious threats to marine ecosystems across the globe. Every year, millions of tons of plastic waste are dumped into oceans, harming marine species and disrupting delicate ecological balances. Sea turtles often mistake

plastic bags for jellyfish and die from internal blockages. Seabirds consume plastic fragments thinking they are food, which leads to starvation. Microplastics, broken-down particles from larger plastic items, have entered the food chain, affecting even fish consumed by humans. Scientists have found plastic in the deepest parts of the ocean, indicating that no region is untouched. Moreover, plastic takes hundreds of years to decompose, making its impact long- lasting. Reducing single-use plastics, improving waste management, and raising awareness are essential steps toward protecting marine biodiversity. Unless urgent action is taken, plastic pollution will continue to endanger not only marine life but also human health and the global environment.

SubQuestion No : 200 Select the most appropriate title for the passage.

Q.200

Ans

✔ A. Ocean Life and thePollutionCrisis

✘ B. Plastic: A Useful Resource

✘ C. The Deep Sea and Its Secrets

✘ D. Why Sea Turtles Are in Danger

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Question Type : **MCQ**
Question ID : **4410091136401**
Option 1 ID : **4410094480827**
Option 2 ID : **4410094480826**
Option 3 ID : **4410094480825**
Option 4 ID : **4410094480824**
Status : **Answered A**
Chosen Option :

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