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	

17 DEC 2025(1ST SHIFT HIMEXAM.COM)

Section : Trained Graduate Teacher Medical

Q.1 **जनवरी 2021 तक की िस्थित के अनसुार, हिमाचल प्रदेश मेंकितनेवन्यजीव अभयारण्य विद्यमान थ?े**

Ans
- ✓ A. 28 वन्यजीव अभयारण्य
- ✗ B. 27 वन्यजीव अभयारण्य
- ✗ C. 26 वन्यजीव अभयारण्य
- ✗ D. 25 वन्यजीव अभयारण्य

Question Type : **MCQ**
Question ID : **4410091529374**
Option 1 ID : **4410096040599**
Option 2 ID : **4410096040600**
Option 3 ID : **4410096040601**
Option 4 ID : **4410096040602**
Status : **Answered D**
Chosen Option :

Q.2 **Which of the following types of body cavities is present in roundworms?**

Ans
- ✗ A. Haemocoel
- ✓ B. Pseudocoelom
- ✗ C. Eucoelom
- ✗ D. Acoelom

Question Type : **MCQ**
Question ID : **4410091488707**
Option 1 ID : **4410095881015**
Option 2 ID : **4410095881014**
Option 3 ID : **4410095881016**
Option 4 ID : **4410095881017**
Status : **Answered B**
Chosen Option :

Q.3 **अग्रंजी वणानर्क्रुम के आधार पर, निम्निलिखत चार अक्षर-समहू यग्मुों में से तीन एक िनिश्चत तरीके से एकसमान हैं और इस प्रकार एक ग्रपु बनाते हैं कौन-सा अक्षर-समहू यग्मु उस ग्रपु से सबंधित नहीं है?**
(नोटः असंगत अक्षर-समहू यग्मुव्यजंनों/स्वरों की सख्यंा या उनकी िस्थित पर आधािरत नहीं है।)

Ans
- ✗ A. JO - LQ
- ✗ B. PU - RW
- ✓ C. GL - IP
- ✗ D. LQ - NS

Question Type : **MCQ**
Question ID : **441009784395**
Option 1 ID : **4410093091584**
Option 2 ID : **4410093091586**
Option 3 ID : **4410093091583**
Option 4 ID : **4410093091585**
Status : **Answered D**
Chosen Option :

Q.4 **Which of the following structures is formed by the combination of a base, pentose sugar and phosphate group?**

Ans
- ✗ A. Ribonucleicacid(RNA)
- ✓ B. Nucleotide
- ✗ C. Nucleoside
- ✗ D. Deoxyribonucleic acid (DNA)

Question Type : **MCQ**
Question ID : **4410091489302**
Option 1 ID : **4410095883310**
Option 2 ID : **4410095883308**
Option 3 ID : **4410095883307**
Option 4 ID : **4410095883309**
Status : **Answered B**
Chosen Option :

Q.5 **Protists differ from prokaryotes primarily in having ____________.**

Ans
- ✗ A. circularDNA withouthistones
- ✓ B. the presence of a membrane-bound nucleus
- ✗ C. an absence of ribosomes
- ✗ D. cell walls composed of peptidoglycan

Question Type : **MCQ**
Question ID : **4410091484524**
Option 1 ID : **4410095865014**
Option 2 ID : **4410095865013**
Option 3 ID : **4410095865015**
Option 4 ID : **4410095865016**
Status : **Answered D**
Chosen Option :

Q.6 **When 1-bromo-1-phenylethane is treated with aqueous ethanol, a mixture of elimination and substitution products is obtained. Which factor favours the E1 elimination product over substitution?**

Ans
- ✗ A. Useofpolar aproticsolvent
- ✗ B. Stabilisation of carbocation by resonance with the phenyl group
- ✗ C. Presence of a strong base
- ✓ D. Use of higher reaction temperature

Question Type : **MCQ**
Question ID : **4410091486479**
Option 1 ID : **4410095872336**
Option 2 ID : **4410095872337**
Option 3 ID : **4410095872335**
Option 4 ID : **4410095872338**
Status : **Answered B**
Chosen Option :

Q.7 **Which of the following is a characteristic feature of the phylum Mollusca?**

Ans
- ✗ A. Segmentedbody
- ✗ B. Jointed appendages
- ✗ C. Notochord
- ✓ D. Mantle and radula

Question Type : **MCQ**
Question ID : **441009623968**
Option 1 ID : **4410092450007**
Option 2 ID : **4410092450004**
Option 3 ID : **4410092450006**
Option 4 ID : **4410092450005**
Status : **Answered D**
Chosen Option :

Q.8 **According to the Pauli exclusion principle, which of the following electron arrangements is NOT allowed?**

Ans
- ✗ A. One electron with (2, 1, 1, +½) B. One
- ✗ electron with (2, 1, 0, +½) C. One electron
- ✗ with (2, 1, 1, −½) D. Two electrons both
- ✓ having (2, 1, 1, +½)

Question Type : **MCQ**
Question ID : **4410091484432**
Option 1 ID : **4410095864634**
Option 2 ID : **4410095864633**
Option 3 ID : **4410095864635**
Option 4 ID : **4410095864636**
Status : **Answered B**
Chosen Option :

Q.9 **Which condition is essential for hybridisation to occur?**

Ans
- ✓ A. Orbitals must have similar energies. B.
- ✗ Orbitals must have identical shapes. C.
- ✗ Orbitals must belong to different atoms. D.
- ✗ Orbitals must be fully filled.

Question Type : **MCQ**
Question ID : **4410091509632**
Option 1 ID : **4410095963188**

Option 2 ID : **4410095963190**
Option 3 ID : **4410095963189**
Option 4 ID : **4410095963191**
Status : **Answered C**
Chosen Option :

Q.10 **A five to seven-foot-long muscular tube that connects the small intestine to the rectum, and removes water and some nutrients and electrolytes from partially digested food, is called:**

Ans
- ✓ A. colon
- ✗ B. jejunum
- ✗ C. gall bladder
- ✗ D. duodenum

Question Type : **MCQ**
Question ID : **441009625916**
Option 1 ID : **4410092457796**
Option 2 ID : **4410092457799**
Option 3 ID : **4410092457797**
Option 4 ID : **4410092457798**
Status : **Answered A**
Chosen Option :

Q.11 **Which reagent is typically used for the oxidative cleavage of alkenes to form ketones and/or carboxylic acids?**

Ans
- ✗ A. Lithiumaluminium hydrideinether
- ✗ B. Potassium iodide in acetone
- ✗ C. Sodium borohydride in water
- ✓ D. Ozone followed by dimethyl sulphide

Question Type : **MCQ**
Question ID : **4410091491479**
Option 1 ID : **4410095891698**
Option 2 ID : **4410095891700**
Option 3 ID : **4410095891699**
Option 4 ID : **4410095891697**
Status : **Answered C**
Chosen Option :

Q.12 **निम्नलिखित में से किसे, विद्यालय के परिवेश को शांति के मूल्यों और अभिवृत्ति से ओत-प्रोत बनाने का एक तरीका माना जा सकता है?**

Ans
- ✗ A. भेदभावकीअनुमति देना
- ✗ B. दृढ़ अनुशासन को बढ़ावा देना
- ✓ C. शैक्षणिक उपागम (thepedagogic approach)
- ✗ D. एक अलग पाठ्यचर्याबनाना

Question Type : **MCQ**
Question ID : **4410091510317**
Option 1 ID : **4410095965787**
Option 2 ID : **4410095965786**
Option 3 ID : **4410095965784**
Option 4 ID : **4410095965785**
Status : **Answered C**
Chosen Option :

Q.13 **The main primary producers in a wetland ecosystem are:**

Ans
- ✗ A. Birdsandamphibians
- ✗ B. Detritivores
- ✓ C. Hydrophytes and algae
- ✗ D. Zooplankton and fish

Question Type : **MCQ**
Question ID : **4410091499768**
Option 1 ID : **4410095923964**
Option 2 ID : **4410095923965**
Option 3 ID : **4410095923963**
Option 4 ID : **4410095923962**
Status : **Answered C**
Chosen Option :

Q.14 **The slope of an Arrhenius plot (ln k vs. 1/T) for a given reaction is −6000 K. What is the activation energy (in kJ/mol)?**

Ans
- ✓ A. 49.9
- ✗ B. 74.8
- ✗ C. 65.4
- ✗ D. 60.0

Question Type : **MCQ**
Question ID : **4410091486337**
Option 1 ID : **4410095871767**
Option 2 ID : **4410095871770**
Option 3 ID : **4410095871769**
Option 4 ID : **4410095871768**
Status : **Answered A**
Chosen Option :

Q.15 **The process of developing new plant varieties by inducing genetic variations using physical or chemical agents is called ________.**

Ans
- ✗ A. Polyploidy breeding
- ✗ B. Recurrent selection
- ✓ C. Mutation breeding
- ✗ D. Clonal selection

Question Type : **MCQ**
Question ID : **4410091492387**
Option 1 ID : **4410095895292**
Option 2 ID : **4410095895291**
Option 3 ID : **4410095895290**
Option 4 ID : **4410095895289**
Status : **Answered C**
Chosen Option :

Q.16 **Which bacterial genera shows formation of endospores in adverse conditions?**

Ans
- ✗ A. StreptococcusandLactobacillus
- ✗ B. Vibrio and Spirillum
- ✓ C. Bacillus and Clostridium
- ✗ D. Escherichia and Pseudomonas

Question Type : **MCQ**
Question ID : **4410091490050**
Option 1 ID : **4410095886219**
Option 2 ID : **4410095886220**
Option 3 ID : **4410095886217**
Option 4 ID : **4410095886218**
Status : **Answered A**
Chosen Option :

Q.17 **Parts of a sentence are given below. While the first part (S) is in the correct place, the remaining parts (labelled A, B, C, and D) are jumbled up. Arrange the parts in the correct order to form a meaningful and coherent sentence.**
S. It is difficult
A. your attention daily
B. to focus on a single
C. goal when so many
D. distractions compete for

Ans
- ✗ A. DCBA
- ✗ B. CADB
- ✗ C. ADCB
- ✓ D. BCDA

Question Type : **MCQ**
Question ID : **4410091483924**
Option 1 ID : **4410095862572**
Option 2 ID : **4410095862571**
Option 3 ID : **4410095862570**
Option 4 ID : **4410095862569**
Status : **Answered A**
Chosen Option :

Q.18 **एक निश्चित कूट भाषा में,**
A + B का अर्थ है कि 'A, B का पुत्र है',
A – B का अर्थ है कि 'A, B की बहन है',
A x B का अर्थ है कि 'A, B की पत्नी है', और
A % B का अर्थ है कि 'A, B का पिता है'।

उपरोक्त के आधार पर, यदि 'फारूक + गोविंद % विशाल – श्रेया x आतिफ' है, तो

फारूक का आतिफ से क्या संबंध है?

Ans
- ✗ A. पत्नी का पिता
- ✓ B. पत्नी का भाई
- ✗ C. पिता
- ✗ D. भाई

Question Type : **MCQ**
Question ID : **4410091484386**
Option 1 ID : **4410095864454**
Option 2 ID : **4410095864453**
Option 3 ID : **4410095864456**
Option 4 ID : **4410095864455**
Status : **Not Answered -**
Chosen Option : **-**

Q.19 **Protists contribute to the global carbon cycle primarily through which of the following?**

Ans
- ✓ A. Fixationof atmospheric carbondioxideduringphotosynthesis
- ✗ B. Conversion of methane into carbon dioxide
- ✗ C. Nitrogen fixation by symbiosis with legumes
- ✗ D. Decomposition of lignin in forest soils

Question Type : **MCQ**
Question ID : **4410091484623**
Option 1 ID : **4410095865398**
Option 2 ID : **4410095865401**
Option 3 ID : **4410095865400**
Option 4 ID : **4410095865399**
Status : **Answered D**

Chosen Option :

Q.20 **_______ obtained from Ocimum sanctum helps with viral, bacterial, and fungal respiratory infections.**

Ans
✗ A. Morphine
✓ B. Eugenol
✗ C. Atropine
✗ D. Caffeine

Question Type : **MCQ**
Question ID : **4410091504658**
Option 1 ID : **4410095943085**
Option 2 ID : **4410095943084**
Option 3 ID : **4410095943082**
Option 4 ID : **4410095943083**
Status : **Answered B**
Chosen Option :

Q.21 **NCF 2005 द्वारा बच्चों के मानसिक और भावनात्मक विकास के लिए किस भाषा को माध्यम के रूप में महत्व दिया गया है?**

Ans
✓ A. मातृभाषा (Mothertongue)
✗ B. शैक्षिक अंग्रेजी (Academic English)
✗ C. राष्ट्रीय भाषा (National language)
✗ D. मानक बोली (Standard dialect)

Question Type : **MCQ**
Question ID : **4410091504080**
Option 1 ID : **4410095940652**
Option 2 ID : **4410095940650**
Option 3 ID : **4410095940653**
Option 4 ID : **4410095940651**
Status : **Answered A**
Chosen Option :

Q.22 **Which of the following types of electromagnetic waves has the shortest wavelength?**

Ans
✗ A. Microwaves
✓ B. X-rays
✗ C. Infrared rays
✗ D. Radio waves

Question Type : **MCQ**
Question ID : **441009625290**
Option 1 ID : **4410092455293**
Option 2 ID : **4410092455294**
Option 3 ID : **4410092455295**
Option 4 ID : **4410092455292**
Status : **Answered A**
Chosen Option :

Q.23 **The half-life of 22286Rn is 3.8 days. How many millimoles of ^{222}86Rn remain after 15.2 days, if the initial quantity is 0.090 mol?**

Ans
✓ A. 5.63 mmol
✗ B. 2.25 mmol
✗ C. 45.0 mmol
✗ D. 11.3 mmol

Question Type : **MCQ**
Question ID : **4410091481370**
Option 1 ID : **4410095852596**
Option 2 ID : **4410095852597**
Option 3 ID : **4410095852594**
Option 4 ID : **4410095852595**
Status : **Answered A**
Chosen Option :

Q.24 **Arrange the steps in order of their occurence during the fertilisation of a human egg.**
A. Fusion of egg and sperm
B. Formation of Zygote
C. Ova is released from a single ovary.

Ans
✗ A. B->A->C
✓ B. C->A->B
✗ C. A->C->B
✗ D. B->C->A

Question Type : **MCQ**
Question ID : **441009624796**
Option 1 ID : **4410092453318**
Option 2 ID : **4410092453319**
Option 3 ID : **4410092453317**
Option 4 ID : **4410092453316**
Status : **Answered B**
Chosen Option :

Q.25 **Which of the following characteristic features DOES NOT belong to the class Chondrichthyes?**

Ans
✗ A. The caudalfinis heterocercal.
✗ B. The exoskeleton is made of placoid scales.
✓ C. The air bladders are present in most of them.
✗ D. The jaw suspension is amphistylic.

Question Type : **MCQ**
Question ID : **4410091494862**
Option 1 ID : **4410095904810**
Option 2 ID : **4410095904807**
Option 3 ID : **4410095904809**
Option 4 ID : **4410095904808**
Status : **Answered C**
Chosen Option :

Q.26 **Which international convention emphasises the rights of persons with disabilities in education?**

Ans
✗ A. ConventionontheRights ofWomen
✗ B. Universal Declaration of Human Rights
✗ C. Convention on the Rights of the Child
✓ D. United Nations Convention on the Rights of Persons with Disabilities (UNCRPD)

Question Type : **MCQ**
Question ID : **4410091516897**
Option 1 ID : **4410095990978**
Option 2 ID : **4410095990980**
Option 3 ID : **4410095990979**
Option 4 ID : **4410095990977**
Status : **Answered B**
Chosen Option :

Q.27 **What kind of symmetry is present in Asterias rubens?**

Ans
✗ A. AsymmetricalStructure
✗ B. Spherical Symmetry
✗ C. Biradial Symmetry
✓ D. Pentamerous radial symmetry

Question Type : **MCQ**
Question ID : **4410091494577**
Option 1 ID : **4410095903846**
Option 2 ID : **4410095903844**
Option 3 ID : **4410095903845**
Option 4 ID : **4410095903847**
Status : **Answered D**
Chosen Option :

Q.28 **भारत के लौह और इस्पात उद्योग की संवृद्धि को कौन-सी प्रमुख समस्या बाधित करती है?**

Ans
✗ A. परिवहन नेटवर्क का अभाव
✓ B. कोकिंग कोयले की उच्च लागत और सीमित उपलब्धता
✗ C. खनिज पट्टियों में कुशल श्रमिकों की अनुपस्थिति
✗ D. लौह अयस्क भंडार की कमी

Question Type : **MCQ**
Question ID : **4410091500517**
Option 1 ID : **4410095926938**
Option 2 ID : **4410095926937**
Option 3 ID : **4410095926939**
Option 4 ID : **4410095926936**
Status : **Answered A**
Chosen Option :

Q.29 **Which repeating unit is most commonly found in high-performance aromatic copolymers?**

Ans
✗ A. Alkylenegroup
✗ B. Cyclobutane ring
✓ C. Arylene ether linkage
✗ D. Vinyl acetate unit

Question Type : **MCQ**
Question ID : **4410091491579**
Option 1 ID : **4410095892097**
Option 2 ID : **4410095892098**
Option 3 ID : **4410095892099**
Option 4 ID : **4410095892100**
Status : **Answered C**
Chosen Option :

Q.30 **निम्नलिखित वाक्यांश हेतु सार्थक शब्द बताएं।**
जो साधा न जा सके।

Ans
✗ A. सीधा
✓ B. असाध्य

✗ C. सामान्य

✗ D. सध्या

Question Type : **MCQ**
Question ID : **441009472336**
Option 1 ID : **4410091844759**
Option 2 ID : **4410091844757**
Option 3 ID : **4410091844760**
Option 4 ID : **4410091844758**
Status : **Answered B**
Chosen Option :

Q.31 **Which of the following best describes a light year?**

Ans

✗ A. The average acceleration of light overayear

✗ B. The average speed of light over a year

✓ C. The distance light travels in one year

✗ D. The maximum speed of light in the previous year

Question Type : **MCQ**
Question ID : **441009509634**
Option 1 ID : **4410091993695**
Option 2 ID : **4410091993696**
Option 3 ID : **4410091993694**
Option 4 ID : **4410091993697**
Status : **Answered C**
Chosen Option :

Q.32 **The main conducting elements in the phloem of angiosperms are _____________.**

Ans

✗ A. Companioncells

✗ B. Phloem fibres

✓ C. Sieve tubes

✗ D. Albuminous cells

Question Type : **MCQ**
Question ID : **4410091490354**
Option 1 ID : **4410095887414**
Option 2 ID : **4410095887413**
Option 3 ID : **4410095887415**
Option 4 ID : **4410095887416**
Status : **Answered B**
Chosen Option :

Q.33 **According to Darwin's theory of natural selection, evolution occurs primarily through which process?**

Ans

✓ A. Survival andreproductionofthefittestindividuals

✗ B. Use and disuse of organs

✗ C. Inheritance of acquired characters

✗ D. Sudden appearance of new species by mutation

Question Type : **MCQ**
Question ID : **4410091491064**
Option 1 ID : **4410095890058**
Option 2 ID : **4410095890061**
Option 3 ID : **4410095890059**
Option 4 ID : **4410095890060**
Status : **Answered A**
Chosen Option :

Q.34 **Which of the following is the primary economic importance of Tribolium spp. and Sitophilus spp.?**

Ans

✗ A. Vectors for bacterial diseases in standingcrops

✓ B. Major pests of stored grains and processed food products

✗ C. Beneficial decomposers in agricultural ecosystems

✗ D. Pollinators for all kinds of general flowering plants

Question Type : **MCQ**
Question ID : **4410091518829**
Option 1 ID : **4410095998594**
Option 2 ID : **4410095998596**
Option 3 ID : **4410095998595**
Option 4 ID : **4410095998597**
Status : **Answered B**
Chosen Option :

Q.35 **What is the electronic configuration of chromium?**

Ans

✗ A. $[\mathrm{Ar}]\ 3d^3\ 4s^2$

✗ B. $[\mathrm{Ar}]\ 3d^4\ 4s^2$

✗ C. $[\mathrm{Ar}]\ 3d^6\ 4s^0$

✓ D. $[\mathrm{Ar}]\ 3d^5\ 4s^1$

Question Type : **MCQ**
Question ID : **4410091487615**
Option 1 ID : **4410095876774**
Option 2 ID : **4410095876771**
Option 3 ID : **4410095876772**
Option 4 ID : **4410095876773**
Status : **Answered D**
Chosen Option :

Q.36 **कौन-सा शिक्षण घटक, निदेर्शात्मक कायिर्विध की सबसे छोटी और सबसे विशिष्ट इकाइयों को सदंभिर्त करता है, जैसे कि प्रश्न करना, भूिमका निवाहर् और विचारावेश?**

Ans

✗ A. उपागम (Approach)

✗ B. कायनर् (Strategy)

✗ C. विधि (Method)

✓ D. तकनीक (Technique)

Question Type : **MCQ**
Question ID : **4410091498921**
Option 1 ID : **4410095920580**
Option 2 ID : **4410095920581**
Option 3 ID : **4410095920582**
Option 4 ID : **4410095920583**
Status : **Answered B**
Chosen Option :

Q.37 **निम्निलिखत में से कौन-सा द्वितीयक अनक्रुमण का उदाहरण है?**

Ans

✗ A. ज्वालामखुी विस्फोट केबादलावाठंडाहोकरजमजाताहैऔरएकनईभूिमकािनमाणर् करताहै

✗ B. रते के नए टीलों का िनमाणर्

✗ C. ग्लैशियर िपघलते हैं और नग्न चट्टानों के िवशाल क्षत्रों को उजागर करते हैं

✓ D. आग के बाद जगंल का पनु: िवकास

Question Type : **MCQ**
Question ID : **4410091491079**
Option 1 ID : **4410095890115**
Option 2 ID : **4410095890114**
Option 3 ID : **4410095890116**
Option 4 ID : **4410095890117**
Status : **Answered D**
Chosen Option :

Q.38 **Which of the following is NOT an example of synthetic auxin?**

Ans

✓ A. IAA (Indole-3-acetic acid)

✗ B. NAA (Naphthalene acetic acid)

✗ C. 2,4,5-T (2,4,5-trichlorophenoxyacetic acid)

✗ D. 2,4-D (2,4-dichlorophenoxyacetic)

Question Type : **MCQ**
Question ID : **4410091513172**
Option 1 ID : **4410095976721**
Option 2 ID : **4410095976718**
Option 3 ID : **4410095976720**
Option 4 ID : **4410095976719**
Status : **Answered A**
Chosen Option :

औद्योगीकरण के दौरान बेहतर मजदूरी और काम के कम घंटों के लिए किन संगठनों ने सामूहिक कारवाई का आयोजन किया था?

Ans

- ✗ A. रॉयल सोसाइटी (Royal societies)
- ✗ B. मिलिट्री कैडर (Military cadres)
- ✓ C. ट्रेड यूनियन(Trade union)
- ✗ D. टेम्परसें सोसाइटी (Temperance societies)

Question Type : **MCQ**
Question ID : **4410091500154**
Option 1 ID : **4410095925488**
Option 2 ID : **4410095925489**
Option 3 ID : **4410095925487**
Option 4 ID : **4410095925486**
Status : **Answered C**
Chosen Option :

Q.40 **If ‘A’ stands for ‘÷’, ‘B’ stands for ‘×’, ‘C’ stands for ‘+’, and ‘D’ stands for ‘−’, then what will come in place of the question mark (?) in the following equation?**
25 B 22 A 11 D 5 C 4 = ?

Ans

- ✗ A. 50
- ✗ B. 51
- ✗ C. 47
- ✓ D. 49

Question Type : **MCQ**
Question ID : **4410091521950**
Option 1 ID : **4410096010937**
Option 2 ID : **4410096010935**
Option 3 ID : **4410096010936**
Option 4 ID : **4410096010934**
Status : **Answered D**
Chosen Option :

Q.41 **In which year was the 'State of Himachal Pradesh Act' passed by the Parliament?**

Ans

- ✓ A. 1970
- ✗ B. 1954
- ✗ C. 1971
- ✗ D. 1966

Question Type : **MCQ**
Question ID : **4410091523366**
Option 1 ID : **4410096016721**
Option 2 ID : **4410096016719**
Option 3 ID : **4410096016720**
Option 4 ID : **4410096016722**
Status : **Answered A**
Chosen Option :

Q.42 **Besides malaria, the bark of *Cinchona succirubra* is used for the treatment of _______.**

Ans

- ✗ A. Hypertension
- ✗ B. Bronchial asthma
- ✓ C. Muscle cramps and cardiac arrhythmia
- ✗ D. Diabetes mellitus

Question Type : **MCQ**
Question ID : **4410091492229**
Option 1 ID : **4410095894643**
Option 2 ID : **4410095894644**
Option 3 ID : **4410095894642**
Option 4 ID : **4410095894641**
Status : **Answered C**
Chosen Option :

Q.43 **Based on its inductive (I) and resonance (R) effects, the $-NO_2$ group behaves as:**

Ans

- ✗ A. Electron-donating bybothinductive (+I)andresonance(+R) effects
- ✗ B. Electron-donating inductively (–I) but electron-withdrawing by resonance (+R)
- ✗ C. Electron-withdrawing inductively (–I) but electron-donating by resonance (+R)
- ✓ D. Electron-withdrawing by both inductive and resonance effects

Question Type : **MCQ**
Question ID : **4410091502403**
Option 1 ID : **4410095933967**
Option 2 ID : **4410095933969**
Option 3 ID : **4410095933968**
Option 4 ID : **4410095933966**
Status : **Answered B**
Chosen Option :

Q.44 **Which chamber of the human heart pumps oxygenated blood into the systemic circulation?**

Ans

- ✓ A. Left ventricle
- ✗ B. Left atrium
- ✗ C. Right ventricle
- ✗ D. Right atrium

Question Type : **MCQ**
Question ID : **4410091490827**
Option 1 ID : **4410095889323**
Option 2 ID : **4410095889325**
Option 3 ID : **4410095889324**
Option 4 ID : **4410095889326**
Status : **Answered A**
Chosen Option :

Q.45 **Which of the following best defines 'autecology'?**

Ans

- ✓ A. Study of individualspecies in relationtotheirenvironment
- ✗ B. Study of communities and their interactions
- ✗ C. Study of ecosystem energy flow
- ✗ D. Study of population growth and dynamics

Question Type : **MCQ**
Question ID : **4410091490378**
Option 1 ID : **4410095887506**
Option 2 ID : **4410095887505**
Option 3 ID : **4410095887507**
Option 4 ID : **4410095887508**
Status : **Answered B**
Chosen Option :

Q.46 **The slope of a plot of ln(k) vs. 1/T is –5000 K. What is the activation energy?**

Ans

- ✓ A. 41.6 kJ/mol
- ✗ B. 21.3 kJ/mol
- ✗ C. 35.5 kJ/mol
- ✗ D. 50.0 kJ/mol

Question Type : **MCQ**
Question ID : **4410091482402**
Option 1 ID : **4410095856583**
Option 2 ID : **4410095856585**
Option 3 ID : **4410095856586**
Option 4 ID : **4410095856584**
Status : **Answered B**
Chosen Option :

Q.47 **Which organelle in bryophytes serves the same purpose as xylem in phanerogams?**

Ans

- ✗ A. Leptoids
- ✓ B. Hydroids
- ✗ C. Rhizoids
- ✗ D. Thalloids

Question Type : **MCQ**
Question ID : **4410091488995**
Option 1 ID : **4410095882138**
Option 2 ID : **4410095882139**
Option 3 ID : **4410095882140**
Option 4 ID : **4410095882141**
Status : **Answered B**
Chosen Option :

Q.48 **In phylum Mollusca, which of the following parts of the shell is characterised by densely packed crystals of calcium carbonate laid down in a protein matrix?**

Ans

- ✗ A. mantle
- ✓ B. prismatic layer
- ✗ C. Periostracum
- ✗ D. Radula

Question Type : **MCQ**
Question ID : **4410091492681**
Option 1 ID : **4410095896405**
Option 2 ID : **4410095896406**
Option 3 ID : **4410095896407**
Option 4 ID : **4410095896408**
Status : **Answered A**
Chosen Option :

Q.49 **The Right to Education (RTE) Act, 2009 ensures free and compulsory education for children in the age group of:**

Ans

- ✗ A. 4-15 years
- ✓ B. 6-14 years
- ✗ C. 3-10 years
- ✗ D. 5-12 years

Question Type : **MCQ**
Question ID : **4410091510140**
Option 1 ID : **4410095965091**
Option 2 ID : **4410095965090**
Option 3 ID : **4410095965088**
Option 4 ID : **4410095965089**
Status : **Answered B**

Chosen Option :

Q.50 **Which of the following conditions most favours chemisorption over physisorption?**

Ans
- ✗ A. Low pressure,low temperature
- ✗ B. Low temperature, high surface area
- ✓ C. High temperature, clean active surface
- ✗ D. Low temperature, high pressure

Question Type : **MCQ**
Question ID : **4410091482416**
Option 1 ID : **4410095856650**
Option 2 ID : **4410095856647**
Option 3 ID : **4410095856649**
Option 4 ID : **4410095856648**
Status : **Answered B**
Chosen Option :

Q.51 **Which of the following is NOT correct?**

Ans
- ✗ A. Theorderof areaction is determinedexperimentally fromkineticdata.
- ✓ B. Molecularity and order are always equal for complex reactions involving multiple steps.
- ✗ C. The molecularity of a reaction is always a whole number and cannot be fractional.
- ✗ D. The order of a reaction may be zero, integer, or fractional depending on the rate law.

Question Type : **MCQ**
Question ID : **4410091488759**
Option 1 ID : **4410095881221**
Option 2 ID : **4410095881220**
Option 3 ID : **4410095881218**
Option 4 ID : **4410095881219**
Status : **Answered C**
Chosen Option :

Q.52 **Select the correct sequence of water flow in the canal system of Sycon sponge.**

Ans
- ✓ A. Ostia→ Incurrentcanal →Prosopyle→Radialcanal→Apopyle→Spongocoel→Osculum
- ✗ B. Osculum → Apopyle → Ostia C.
- ✗ Spongocoel → Ostia → Osculum D.
- ✗ Ostia → Spongocoel → Osculum

Question Type : **MCQ**
Question ID : **4410091488504**
Option 1 ID : **4410095880225**
Option 2 ID : **4410095880223**
Option 3 ID : **4410095880224**
Option 4 ID : **4410095880226**
Status : **Answered A**
Chosen Option :

Q.53 **Which of the following are known as Indian Major Carps?**

Ans
- ✗ A. Hilsa,Sardine,and Tuna
- ✗ B. Channa, Tilapia, and Eel
- ✗ C. Trout, Perch, and Catfish
- ✓ D. Catla, Rohu, and Mrigal

Question Type : **MCQ**
Question ID : **4410091488541**
Option 1 ID : **4410095880372**
Option 2 ID : **4410095880374**
Option 3 ID : **4410095880373**
Option 4 ID : **4410095880371**
Status : **Answered D**
Chosen Option :

Q.54 **In free radical addition of HBr, which of the following is NOT required?**

Ans
- ✓ A. Lewisacidcatalyst
- ✗ B. Peroxides
- ✗ C. UV light or heat
- ✗ D. Oxygen-free (inert) conditions

Question Type : **MCQ**
Question ID : **4410091485539**
Option 1 ID : **4410095868628**
Option 2 ID : **4410095868625**
Option 3 ID : **4410095868627**
Option 4 ID : **4410095868626**
Status : **Answered B**
Chosen Option :

Q.55 **The primary muscles responsible for the downstroke (power stroke) during flight in birds are:**

Ans
- ✗ A. Trapezius muscles
- ✓ B. Pectoralis major muscles
- ✗ C. Latissimus dorsi muscles
- ✗ D. Supracoracoideus muscles

Question Type : **MCQ**
Question ID : **4410091497718**
Option 1 ID : **4410095915882**
Option 2 ID : **4410095915881**
Option 3 ID : **4410095915883**
Option 4 ID : **4410095915880**
Status : **Answered B**
Chosen Option :

Q.56 **According to Werner's theory, the primary and secondary valence, respectively, of the complex $[Co(NH_3)_4Cl_2]Cl$ are:**

Ans
- ✗ A. 2 and 3
- ✗ B. 2 and 6
- ✓ C. 3 and 6
- ✗ D. 6 and 3

Question Type : **MCQ**
Question ID : **4410091497784**
Option 1 ID : **4410095916151**
Option 2 ID : **4410095916150**
Option 3 ID : **4410095916148**
Option 4 ID : **4410095916149**
Status : **Answered B**
Chosen Option :

Q.57 **Gravimetric analysis is primarily based on:**

Ans
- ✗ A. Measurementofgas pressurechange
- ✗ B. Electrical conductivity of asolution
- ✗ C. Change in colour intensityofsolution
- ✓ D. Measurement of mass ofasolid

Question Type : **MCQ**
Question ID : **4410091486998**
Option 1 ID : **4410095874397**
Option 2 ID : **4410095874398**
Option 3 ID : **4410095874396**
Option 4 ID : **4410095874395**
Status : **Answered B**
Chosen Option :

Q.58 **कौन-सा ICT टूल, शिक्षकों के बीच सहयोग को संवर्धित करता है?**

Ans
- ✗ A. चॉकबोर्ड(Chalkboard)
- ✗ B. हस्तलिखित नोट्स (Handwritten notes)
- ✗ C. मुद्रित पत्रिकाएं (Printed magazines)
- ✓ D. ऑनलाइन फोरम (Online forums)

Question Type : **MCQ**
Question ID : **4410091516565**
Option 1 ID : **4410095989668**
Option 2 ID : **4410095989667**
Option 3 ID : **4410095989665**
Option 4 ID : **4410095989666**
Status : **Answered A**
Chosen Option :

Q.59 **Which of the following is the correct representation of class phaeophyceae?**

Ans
- ✗ A. Chlorophyll a, c and r-phycoerythrin B.
- ✗ Chlorophyll a, b and r-phycoerythrin C.
- ✗ Chlorophyll a, b, carotenoids and xanthophylls
- ✓ D. Chlorophyll a, c, carotenoids and xanthophylls

Question Type : **MCQ**
Question ID : **4410091487084**
Option 1 ID : **4410095874745**
Option 2 ID : **4410095874743**
Option 3 ID : **4410095874746**
Option 4 ID : **4410095874744**
Status : **Answered D**
Chosen Option :

Q.60 **Which of the following cations is NOT precipitated by H_2S in acidic medium?**

Ans
- ✗ A. Cd2+
- ✓ B. Zn2+
- ✗ C. Cu2+
- ✗ D. Hg2+

Question Type : **MCQ**
Question ID : **4410091498063**
Option 1 ID : **4410095917310**
Option 2 ID : **4410095917308**
Option 3 ID : **4410095917309**
Option 4 ID : **4410095917311**
Status : **Answered D**
Chosen Option :

Q.61 **Which of the following plants has carpels without styles?**

Ans
- ✓ A. Drimys
- ✗ B. Wolffia
- ✗ C. Clematis
- ✗ D. Dianthus

Question Type : **MCQ**
Question ID : **4410091510764**
Option 1 ID : **4410095967109**
Option 2 ID : **4410095967111**
Option 3 ID : **4410095967108**

Option 4 ID : **4410095967110**
Status : **Answered D**
Chosen Option :

Q.62 **निम्नलिखित वाक्यांश के लिए सार्थक शब्द बताएं -**
'सूर्योदय से पहले का समय'

Ans
- ✗ A. संध्या
- ✓ B. उषाकाल
- ✗ C. प्रातः
- ✗ D. मध्यरात्रि

Question Type : **MCQ**
Question ID : **4410091483429**
Option 1 ID : **4410095860621**
Option 2 ID : **4410095860623**
Option 3 ID : **4410095860622**
Option 4 ID : **4410095860624**
Status : **Answered B**
Chosen Option :

Q.63 **किस प्रकार का ज्ञान, अनुभव से स्वतंत्र और विवेचन पर आधारित होता है?**

Ans
- ✗ A. उपलक्षितज्ञान (TacitKnowledge)
- ✗ B. अनुभवाश्रित ज्ञान (Posteriori Knowledge)
- ✓ C. प्रागनुभविक ज्ञान (Priori Knowledge)
- ✗ D. आनुभविक ज्ञान (Empirical Knowledge)

Question Type : **MCQ**
Question ID : **4410091518185**
Option 1 ID : **4410095995977**
Option 2 ID : **4410095995974**
Option 3 ID : **4410095995975**
Option 4 ID : **4410095995976**
Status : **Answered A**
Chosen Option :

Q.64 **During the resting potential of a neuron, which ion has the highest permeability across the membrane?**

Ans
- ✓ A. Potassium(K^+)
- ✗ B. Chloride (Cl^-)
- ✗ C. Sodium (Na^+)
- ✗ D. Calcium (Ca^{2+})

Question Type : **MCQ**
Question ID : **4410091490770**
Option 1 ID : **4410095889103**
Option 2 ID : **4410095889106**
Option 3 ID : **4410095889104**
Option 4 ID : **4410095889105**
Status : **Answered C**
Chosen Option :

Q.65 **According to ICN, the valid publication of a new plant name requires __________________.**

Ans
- ✗ A. Publication in a book writteninEnglishonly
- ✗ B. Registration in Index Kewensis
- ✗ C. Approval by a national nomenclature committee
- ✓ D. Description or diagnosis in Latin (before 2012) or English (after 2012)

Question Type : **MCQ**
Question ID : **4410091490406**
Option 1 ID : **4410095887617**
Option 2 ID : **4410095887620**
Option 3 ID : **4410095887619**
Option 4 ID : **4410095887618**
Status : **Answered D**
Chosen Option :

Q.66 **In which year was the Swarna Jayanti Shahari Rozgar Yojana (SJSRY) introduced to support employment generation in urban areas?**

Ans
- ✗ A. 1998
- ✓ B. 1997
- ✗ C. 1995
- ✗ D. 1996

Question Type : **MCQ**
Question ID : **4410091524046**
Option 1 ID : **4410096019466**
Option 2 ID : **4410096019465**
Option 3 ID : **4410096019463**
Option 4 ID : **4410096019464**
Status : **Answered B**
Chosen Option :

Q.67 **What is the State Tree of Himachal Pradesh?**

Ans
- ✗ A. Walnut(Juglans regia)
- ✗ B. Chir Pine (Pinus roxburghii)
- ✓ C. Deodar (Cedrus deodara)
- ✗ D. Oak (Quercus leucotrichophora)

Question Type : **MCQ**
Question ID : **4410091444934**
Option 1 ID : **4410095708324**
Option 2 ID : **4410095708322**
Option 3 ID : **4410095708321**
Option 4 ID : **4410095708323**
Status : **Answered C**
Chosen Option :

Q.68 **Which of the following is NOT an example of polyamide?**

Ans
- ✗ A. kevlar
- ✓ B. Dacrone
- ✗ C. Nylon-6,6
- ✗ D. Nylon-6

Question Type : **MCQ**
Question ID : **4410091496596**
Option 1 ID : **4410095911658**
Option 2 ID : **4410095911659**
Option 3 ID : **4410095911660**
Option 4 ID : **4410095911657**
Status : **Answered A**
Chosen Option :

Q.69 **निम्नलिखित विकल्पों में से किस वाक्य में वर्तनी से संबंधित त्रुटि नहीं है?**

Ans
- ✗ A. बर-बधू ने माता-पिता के चरण स्पर्श किए।
- ✓ B. वर-वधू ने माता-पिता के चरण स्पर्श किए।
- ✗ C. वर-वधु ने माता-पिता के चरण स्पर्श किए।
- ✗ D. वर-वधू ने माता-पिता के चरन स्पर्श किए।

Question Type : **MCQ**
Question ID : **4410091486000**
Option 1 ID : **4410095870456**
Option 2 ID : **4410095870455**
Option 3 ID : **4410095870453**
Option 4 ID : **4410095870454**
Status : **Answered C**
Chosen Option :

Q.70 **E, S, Z, A, Q, X, and W are sitting around a circular table, facing the centre. Only four people sit between W and A, when counted from the right of W. Z and X are immediate neighbours of S. Exactly four people sit between E and Q, when counted from the left of E. Q is not an immediate neighbour of Z or A. How many people sit between E and W, when counted from the right of W?**

Ans
- ✓ A. 5
- ✗ B. 3
- ✗ C. 2
- ✗ D. 4

Question Type : **MCQ**
Question ID : **4410091484324**
Option 1 ID : **4410095864197**
Option 2 ID : **4410095864199**
Option 3 ID : **4410095864198**
Option 4 ID : **4410095864200**
Status : **Answered B**
Chosen Option :

Q.71 **On the basis of retained maternal layers in the placenta, which type of placenta is found in humans and rodents?**

Ans
- ✓ A. Hemochorial
- ✗ B. Epitheliochorial
- ✗ C. Endotheliochorial
- ✗ D. Zonary endotheliochorial

Question Type : **MCQ**
Question ID : **4410091509329**
Option 1 ID : **4410095961978**
Option 2 ID : **4410095961976**
Option 3 ID : **4410095961977**
Option 4 ID : **4410095961979**
Status : **Answered A**
Chosen Option :

Q.72 **Evaluate the Assertion (A) and Reason (R) based on facts and define the relationship between both.**

Assertion (A): The spin-only formula can be used to calculate the magnetic moment of most d-block elements.
Reason (R): The contribution of orbital angular momentum to the magnetic moment is negligible in d-block elements.

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

Question Type : **MCQ**
Question ID : **4410091491816**
Option 1 ID : **4410095892995**
Option 2 ID : **4410095892996**

Option 3 ID : **4410095892998**
Option 4 ID : **4410095892997**
Status : **Answered B**
Chosen Option :

Q.73 **In which of the following conditions, is 'Sarpagandha' or 'Rauwolfia serpentina' an effective medicine?**

Ans
✗ A. Dogbiteand depression
✓ B. Hypertension and insomnia
✗ C. Hypotension and kidney disease
✗ D. Hypothyroidism and depression

Question Type : **MCQ**
Question ID : **4410091505023**
Option 1 ID : **4410095944452**
Option 2 ID : **4410095944451**
Option 3 ID : **4410095944449**
Option 4 ID : **4410095944450**
Status : **Answered B**
Chosen Option :

Q.74 **Which of the options does NOT fall under the following category?**
Acid + Base -> Salt + Water

Ans
✗ A. $HCl(aq) + NaOH(aq) \rightarrow NaCl(aq) + H_2O(l)$
✗ B. $H_2SO_4 + Ca(OH)_2 \rightarrow CaSO_4 + 2H_2O$
✓ C. $CH_4 + 2O_2 \rightarrow CO_2 + 2H_2O$
✗ D. $H_2SO_4(aq) + 2KOH(aq) \rightarrow K_2SO_4(aq) + 2H_2O(l)$

Question Type : **MCQ**
Question ID : **441009625014**
Option 1 ID : **4410092454188**
Option 2 ID : **4410092454190**
Option 3 ID : **4410092454191**
Option 4 ID : **4410092454189**
Status : **Answered A**
Chosen Option :

Q.75 **कोठारी आयोग द्वारा सझ्ुाए गए शिक्षक पनुिनर्माणर् के तीन मख्ुय पहल ूकौन-सेथे?**

Ans
✗ A. तकनीकी प्रगितवश्वै ीकरणऔर गितशीलता
✗ B. िआथर्क वृिद्ध, राजनीितक िस्थरता और आधुिनकीकरण
✗ C. प्रशासिनक सधुार, िनजीकरण और िवकेंद्रीकरण
✓ D. आंतिरक रूपातंरण, गणुात्मक सधुार और सिुवधाओ ंका िवस्तार

Question Type : **MCQ**
Question ID : **4410091508199**
Option 1 ID : **4410095957420**
Option 2 ID : **4410095957417**
Option 3 ID : **4410095957419**
Option 4 ID : **4410095957418**
Status : **Answered C**
Chosen Option :

Q.76 **In Sycon, the choanocyte that assists in the transfer of sperm to the ovum during sexual reproduction is known as a ___________.**

Ans
✗ A. Gemmulecell
✓ B. Carrier cell
✗ C. Spermatocyte
✗ D. Archaeocyte

Question Type : **MCQ**
Question ID : **4410091484699**
Option 1 ID : **4410095865574**
Option 2 ID : **4410095865572**
Option 3 ID : **4410095865573**
Option 4 ID : **4410095865575**
Status : **Answered D**
Chosen Option :

Q.77 **कौन-सा कारक, शिक्षकों की ऑनलाइन लिनर्ंग सेसम्पणू र्रूप सेिहतलाभ प्राप्त करने की क्षमता को सबसे िअधक सीिमत करता ह,ै भले ही ICT टूल्स तक िअभगम उपलब्ध हो?**

Ans
✗ A. नियोक्ता द्वाराप्रदान िकए गए प्रिशक्षणदायित्वोंका अभाव
✓ B. ऑनलाइन ससांधनों तक पहुँच और उनका महत्वपणू र्रूप स ेउपयोग करन ेके िलए अपयाप्तर् िडिजटल क्षमता
✗ C. आमने-सामन ेकी तलुना म ेंदूरस्थ िशक्षा प्रारूपों की ओर बढ़ता बदलाव
✗ D. देशों के बीच िशक्षकों के वतेन म ेंउच्च पिरवतनर्शीलता

Question Type : **MCQ**
Question ID : **4410091508497**
Option 1 ID : **4410095958620**
Option 2 ID : **4410095958621**
Option 3 ID : **4410095958623**
Option 4 ID : **4410095958622**
Status : **Answered B**
Chosen Option :

Q.78 **Which one of the following is the main aim of Systematics?**

Ans
✗ A. To provide a common nametoallthe organisms
✓ B. To study the diversity of organisms and their evolutionary relationships
✗ C. To classify all the organisms on the earth
✗ D. To study the diversity of ecosystems on the earth

Question Type : **MCQ**
Question ID : **4410091498475**
Option 1 ID : **4410095918912**
Option 2 ID : **4410095918911**
Option 3 ID : **4410095918910**
Option 4 ID : **4410095918909**
Status : **Answered A**
Chosen Option :

Q.79 **व्यावसायिक आचार-नीित संिहता का मख्ुय उद्देश्य क्या ह?ै**

Ans
✓ A. नैतिकिस्थितयों म ेंिशक्षकोंके िनणयर्नका मागदर्शर्न करना
✗ B. विद्यािथयों की कक्षा गितिविधयों को िनयंित्रत करना
✗ C. समयिनष्ठता के िलए िनयम प्रदान करना
✗ D. शिक्षकों पर दंड का प्रवतनर् करना

Question Type : **MCQ**
Question ID : **4410091508535**
Option 1 ID : **4410095958774**
Option 2 ID : **4410095958775**
Option 3 ID : **4410095958773**
Option 4 ID : **4410095958772**
Status : **Answered A**
Chosen Option :

Q.80 **Which of the following characteristic features of autosomal recessive inheritance is NOT true?**

Ans
✗ A. Parentsofthe affected individualare either heterozygouscarriersorhavethetrait.
✓ B. Predominantly, males are affected by the disorder.
✗ C. The trait can appear in either sex.
✗ D. Consanguinity among parents can increase the recurrence risk of the disease.

Question Type : **MCQ**
Question ID : **4410091514492**
Option 1 ID : **4410095981765**
Option 2 ID : **4410095981766**

Option 4 ID : **4410095981767**
Status : **Answered D**
Chosen Option :

Q.81 **Identify the pair of ANTONYMS in the given sentence.**
The historian examined both the legitimate claims and the spurious rumours circulating about the event.

Ans
- ✗ A. claims – examined
- ✗ B. historian – event
- ✓ C. legitimate – spurious
- ✗ D. examined – circulating

Question Type : **MCQ**
Question ID : **4410091513873**
Option 1 ID : **4410095979462**
Option 2 ID : **4410095979464**
Option 3 ID : **4410095979463**
Option 4 ID : **4410095979465**
Status : **Answered B**
Chosen Option :

Q.82 **Select the most appropriate option that can be used as a one-word substitute for the underlined segment in the given sentence.**
Rahul, your friend, is known as a/an person who does not believe in the existence of God. ________________

____

Ans
- ✗ A. agnostic
- ✓ B. atheist
- ✗ C. realist
- ✗ D. pagan

Question Type : **MCQ**
Question ID : **4410091484102**
Option 1 ID : **4410095863298**
Option 2 ID : **4410095863299**
Option 3 ID : **4410095863300**
Option 4 ID : **4410095863297**
Status : **Answered B**
Chosen Option :

Q.83 **Charles' law describes a direct relationship between gas volume and ________.**

Ans
- ✗ A. mass
- ✗ B. pressure
- ✓ C. temperature
- ✗ D. density

Question Type : **MCQ**
Question ID : **4410091522114**
Option 1 ID : **4410096011580**
Option 2 ID : **4410096011578**
Option 3 ID : **4410096011579**
Option 4 ID : **4410096011581**
Status : **Answered A**
Chosen Option :

Q.84 **Which of the following statements best describes a key morphological difference regarding sexual dimorphism in the phylum Nematoda?**

Ans
- ✗ A. Females are exclusively parasitic, while males are free-living, leading to their structural differences.
- ✓ B. Females have straight, simple tail, while males frequently have a curved or coiled tail with specialized copulatory structures.
- ✗ C. Males have a more complex system to support their higher metabolic rate, while females have a reduced system.
- ✗ D. Males are typically larger and possess multiple ovaries, while females are smaller with a single testis.

Question Type : **MCQ**
Question ID : **4410091488429**
Option 1 ID : **4410095879883**
Option 2 ID : **4410095879881**
Option 3 ID : **4410095879882**
Option 4 ID : **4410095879880**
Status : **Answered D**
Chosen Option :

Q.85 **Botanical gardens are used for __________.**

Ans
- ✓ A. only ex-situ conservation
- ✗ B. both ex-situ and in-situ conservation
- ✗ C. only in-situ conservation
- ✗ D. no conservation

Question Type : **MCQ**
Question ID : **4410091517057**
Option 1 ID : **4410095991613**
Option 2 ID : **4410095991615**
Option 3 ID : **4410095991614**
Option 4 ID : **4410095991616**
Status : **Answered A**
Chosen Option :

Q.86 **The body of an earthworm is divided into a series of similar units called:**

Ans
- ✓ A. Metameres
- ✗ B. Cnidocytes
- ✗ C. Somites
- ✗ D. Proglottids

Question Type : **MCQ**
Question ID : **4410091497388**
Option 1 ID : **4410095914658**
Option 2 ID : **4410095914660**
Option 3 ID : **4410095914659**
Option 4 ID : **4410095914657**
Status : **Answered A**
Chosen Option :

Q.87 **निम्निलिखत मेंस किस गितिविध को "दूसर ेव्यिक्त की तरह बोलना, दूसर ेव्यिक्त की तरह व्यवहार करना, और दूसर ेव्यिक्त की तरह महससू करना" के रूप मेंविणर्त किया गया ह?ै**

Ans
- ✗ A. नत्ृय (Dancing)
- ✗ B. कहानी का वाचन (Narrating a story)
- ✗ C. भाषण (Speech)
- ✓ D. भिूमकािनभाना (Role playing)

Question Type : **MCQ**
Question ID : **4410091503704**
Option 1 ID : **4410095939033**
Option 2 ID : **4410095939034**
Option 3 ID : **4410095939035**
Option 4 ID : **4410095939032**
Status : **Answered D**
Chosen Option :

Q.88 **Why does SiO2 form a network solid while CO2 is molecular?**

Ans
- ✗ A. Carbon lacks d-orbitals
- ✓ B. Silicon's preference for single bonds
- ✗ C. Silicon's hexacoordination
- ✗ D. Strong C=O bonds

Question Type : **MCQ**
Question ID : **4410091483580**
Option 1 ID : **4410095861205**
Option 2 ID : **4410095861208**
Option 3 ID : **4410095861207**
Option 4 ID : **4410095861206**
Status : **Answered A**
Chosen Option :

Q.89 **Which of the following correctly explains the stereochemical outcome of bromine addition to cis-2-butene?**

Ans
- ✓ A. Anti addition forming a racemic mixture
- ✗ B. Syn addition forming a meso compound
- ✗ C. Syn addition forming enantiomeric pair
- ✗ D. Random addition forming multiple isomers

Question Type : **MCQ**
Question ID : **4410091486491**
Option 1 ID : **4410095872384**
Option 2 ID : **4410095872383**
Option 3 ID : **4410095872386**
Option 4 ID : **4410095872385**
Status : **Answered A**
Chosen Option :

Q.90 **Which planning step ensures accessibility for all learners?**

Ans
- ✗ A. Ignoring diversity
- ✗ B. Rigid planning
- ✗ C. Uniform assignments
- ✓ D. Universal design

Question Type : **MCQ**
Question ID : **4410091522565**
Option 1 ID : **4410096013381**
Option 2 ID : **4410096013383**
Option 3 ID : **4410096013384**
Option 4 ID : **4410096013382**
Status : **Answered A**
Chosen Option :

Q.91 **The type of stele, most commonly found in *Selaginella* species, is ____________________.**

Ans
- ✗ A. Siphonostele
- ✓ B. Protostele

✗ C. Actinostele
✗ D. Dictyostele

Question Type : **MCQ**
Question ID : **4410091490260**
Option 1 ID : **4410095887046**
Option 2 ID : **4410095887045**
Option 3 ID : **4410095887048**
Option 4 ID : **4410095887047**
Status : **Answered C**
Chosen Option :

Q.92 **निम्निलिखत मेंस किसे, कक्षा मेंनिदेर्शात्मक सामग्री, व्यवस्था, हस्तक्षपे, प्रबधंन और अनवुीक्षण के एकीकरण के रूप मेंजाना जाता ह?ै**

Ans
✗ A. पाठ्यचया र्सचूी
✓ B. पाठ्यचया र्का कायान्वर्यन
✗ C. पाठ्यचया र्मेंसहयोग
✗ D. सासं्कृितक रूप स ेउत्तरदायी पाठ्यचयार्

Question Type : **MCQ**
Question ID : **4410091510165**
Option 1 ID : **4410095965191**
Option 2 ID : **4410095965188**
Option 3 ID : **4410095965189**
Option 4 ID : **4410095965190**
Status : **Answered A**
Chosen Option :

Q.93 **The working principle of a fuse wire is based on which effect of electric current?**

Ans
✗ A. Electromagnetic induction
✓ B. Heating effect of current
✗ C. Magnetic effect of current
✗ D. Chemical effect of current

Question Type : **MCQ**
Question ID : **4410091499977**
Option 1 ID : **4410095924801**
Option 2 ID : **4410095924800**
Option 3 ID : **4410095924798**
Option 4 ID : **4410095924799**
Status : **Answered C**
Chosen Option :

Q.94 **निम्निलिखत लोकोिक्त का अथ र्बताएं -**
'खोदा पहाड़ निकली चिुहया'

Ans
✗ A. साधन नहींतो काम ही क्योंकरनेलगें
✗ B. अपना िसद्धातं बदलन ेवाला
✓ C. पिरश्रम बहुत, लाभ बहुत ही थोड़ा
✗ D. देखा-देखी काम करना

Question Type : **MCQ**
Question ID : **4410091483806**
Option 1 ID : **4410095862099**
Option 2 ID : **4410095862097**
Option 3 ID : **4410095862098**
Option 4 ID : **4410095862100**
Status : **Answered C**
Chosen Option :

Q.95 **'मनैंदीदी को बताया आज कक्षा मेंनिगणुर्-काव्य पर गहन चचा र्हुई। हमनेजाना कि मध्यकाल के सतं-किव निगणुर् और निराकार ब्रह्म की उपासना करते थे। येसतं-किव उन किवयों स ेभिन्न थ ेजो साकार ब्रह्म की उपासना और भिक्त किया करतेथे। दीदी न ेपछूा, अच्छा बताओ 'निगणुर्' शब्द का सबसेसही विलोमाथीर् शब्द कौन-सा ह?ै मनैं तरुतं बोला..........शब्द निगणुर् का सबसेउपयक्ुतविलोमाथीर् ह ै। क्या आप इनमेंसे उपयक्ुत विकल्प की पहचान कर सकत ेह?ैं**

Ans
✓ A. सगणु
✗ B. अगणु
✗ C. निरजंन
✗ D. गणु

Question Type : **MCQ**
Question ID : **4410091515707**
Option 1 ID : **4410095986227**
Option 2 ID : **4410095986225**
Option 3 ID : **4410095986228**
Option 4 ID : **4410095986226**
Status : **Answered A**
Chosen Option :

Q.96 **अप्रलै 2025 मेंउद्घाटन किए गए नए पबंन ब्रिज (Pamban Bridge) की निम्निलिखत मेंसेकौन-सी एक विशषेता ह?ै**

Ans
✓ A. यह भारत का पहलाविटर्किललफ्ट (verticallift) रलेवेसमद्रुीपलु है।
✗ B. यह भारत का सबस ेऊँचा रलेव ेआकर् (arch) िब्रज है।
✗ C. यह िदल्ली-हावड़ा रलेमाग र्का िहस्सा है।
✗ D. यह भारत का सबस ेलबंा रले-सह-सड़क पलु है।

Question Type : **MCQ**
Question ID : **4410091039344**
Option 1 ID : **4410094107503**
Option 2 ID : **4410094107502**
Option 3 ID : **4410094107505**
Option 4 ID : **4410094107504**
Status : **Answered B**
Chosen Option :

Q.97 **Which of the following correctly describes the inflorescence and primary mode of pollination in cultivated rice?**

Ans
✗ A. Spike — Entomophily
✗ B. Raceme — Anemophily
✓ C. Panicle — Autogamy
✗ D. Umbel — Cross-pollination

Question Type : **MCQ**
Question ID : **4410091492201**
Option 1 ID : **4410095894525**
Option 2 ID : **4410095894527**
Option 3 ID : **4410095894526**
Option 4 ID : **4410095894528**
Status : **Answered B**
Chosen Option :

Q.98 **Which event directly triggers the detachment of the myosin head from actin during muscle relaxation?**

Ans
✗ A. Reuptake of calcium into the T-tubules
✗ B. Hydrolysis of ATP into ADP and Pi
✗ C. Release of calcium ions from the sarcoplasmic reticulum
✓ D. Binding of ATP to the myosin head

Question Type : **MCQ**
Question ID : **4410091490796**
Option 1 ID : **4410095889206**
Option 2 ID : **4410095889205**
Option 3 ID : **4410095889204**
Option 4 ID : **4410095889203**
Status : **Answered C**
Chosen Option :

Q.99 **A solution contains 100 g of sugar in 550 g of water. Calculate the concentration of sugar in terms of mass-by-mass percentage of the solution.**

Ans
✓ A. 15.38%
✗ B. 10.38%
✗ C. 12.38%
✗ D. 18.38%

Question Type : **MCQ**
Question ID : **441009625326**
Option 1 ID : **4410092455438**
Option 2 ID : **4410092455436**
Option 3 ID : **4410092455437**
Option 4 ID : **4410092455439**
Status : **Answered D**
Chosen Option :

Q.100 **How many of the given statements with respect to the Miyawaki technique in forestry is/are correct?**
1. The Miyawaki technique was developed by renowned Indian Agriculturist Subash Palekar in the 1970s.
2. It is a revolutionary method for creating dense forests in limited spaces.
3. Plants grow ten times faster with this technique, making it a practical solution for afforestation in urban areas.

Ans
✓ A. Only one statement
✗ B. None of the given statements
✗ C. All the three statements
✗ D. Only two statements

Question Type : **MCQ**
Question ID : **4410091126983**
Option 1 ID : **4410094443484**
Option 2 ID : **4410094443487**
Option 3 ID : **4410094443486**
Option 4 ID : **4410094443485**
Status : **Answered D**
Chosen Option :

Q.101 **The interlocking pattern of numerous food chains in an ecosystem forms:**

Ans
✗ A. Energy network
✗ B. Food pyramid
✗ C. Biomass chain
✓ D. Food web

Question Type : **MCQ**
Question ID : **4410091499815**
Option 1 ID : **4410095924147**
Option 2 ID : **4410095924146**
Option 3 ID : **4410095924148**

Option 4 ID : **4410095924149**
Status : **Answered D**
Chosen Option :

Q.102 **In a modern carp hatchery, what is the primary function of the hatching pit or hatching jar?**

Ans
- ✓ A. To provide controlled conditions for egg incubation and hatching
- ✗ B. To separate fry based on size after hatching
- ✗ C. To stimulate gonadal development in fish
- ✗ D. To store brood fish before spawning

Question Type : **MCQ**
Question ID : **4410091492070**
Option 1 ID : **4410095893974**
Option 2 ID : **4410095893976**
Option 3 ID : **4410095893975**
Option 4 ID : **4410095893973**
Status : **Answered A**
Chosen Option :

Q.103 **Which problem of the barter system does money remove?**

Ans
- ✗ A. Inflation control
- ✗ B. Tax evasion
- ✗ C. Price stability
- ✓ D. Double coincidence of wants

Question Type : **MCQ**
Question ID : **4410091500201**
Option 1 ID : **4410095925672**
Option 2 ID : **4410095925673**
Option 3 ID : **4410095925670**
Option 4 ID : **4410095925671**
Status : **Answered B**
Chosen Option :

Q.104 **A special type of secondary growth occurs in a few monocotyledonous plants. Which of the following is/are example(s) of such plants?**

Ans
- ✗ A. Neither Dracaena nor Yucca
- ✗ B. Only Yucca
- ✓ C. Both Dracaena and Yucca
- ✗ D. Only Dracaena

Question Type : **MCQ**
Question ID : **4410091518046**
Option 1 ID : **4410095995425**
Option 2 ID : **4410095995423**
Option 3 ID : **4410095995424**
Option 4 ID : **4410095995422**
Status : **Answered B**
Chosen Option :

Q.105 **Which of the following compounds exhibits aromatic character due to delocalisation involving a lone pair of electrons rather than π-bond delocalisation alone?**

Ans
- ✗ A. Cyclopentadiene
- ✗ B. Benzene
- ✓ C. Pyrrole
- ✗ D. Pyridine

Question Type : **MCQ**
Question ID : **4410091488217**
Option 1 ID : **4410095879008**
Option 2 ID : **4410095879011**
Option 3 ID : **4410095879010**
Option 4 ID : **4410095879009**
Status : **Answered C**
Chosen Option :

Q.106 **किरयर विकास मं, 'किरयर पणूतरा् (career maturity)' शब्द मख्ुय रूप स िकसी विद्याथीर् की ________________ की क्षमता को सदंभिर्त करता हा**

Ans
- ✗ A. व्यावसायिक वर्गीकरणों को पणूतर्यायाद रखने
- ✗ B. बिना मागदर्शनर् के उच्च आय वाल ेव्यवसाय के चयन
- ✓ C. यथाथवर्ादी किरयर िनणयर् लने
- ✗ D. शिक्षक द्वारा दत्त किरयर कायोर्ं का यथाथ रूप स ेअनसुरण करने

Question Type : **MCQ**
Question ID : **4410091516016**
Option 1 ID : **4410095987433**
Option 2 ID : **4410095987436**
Option 3 ID : **4410095987435**
Option 4 ID : **4410095987434**
Status : **Answered C**
Chosen Option :

Q.107 **Organisms that are unattached and live at the air-water interface of the lentic environment are ecologically classified into which of the following groups?**

Ans
- ✗ A. Benthos
- ✗ B. Plankton
- ✓ C. Neuston
- ✗ D. Nekton

Question Type : **MCQ**
Question ID : **4410091522017**
Option 1 ID : **4410096011194**
Option 2 ID : **4410096011195**
Option 3 ID : **4410096011196**
Option 4 ID : **4410096011197**
Status : **Answered A**
Chosen Option :

Q.108 **The primary function of fangs in poisonous snakes is:**

Ans
- ✗ A. Holding prey
- ✗ B. Cutting food into pieces
- ✓ C. Injecting venom
- ✗ D. Crushing food

Question Type : **MCQ**
Question ID : **4410091497683**
Option 1 ID : **4410095915749**
Option 2 ID : **4410095915751**
Option 3 ID : **4410095915750**
Option 4 ID : **4410095915748**
Status : **Answered C**
Chosen Option :

Q.109 **In which year was the district of Bilaspur merged with Himachal Pradesh?**

Ans
- ✗ A. 1948
- ✗ B. 1953
- ✗ C. 1950
- ✓ D. 1954

Question Type : **MCQ**
Question ID : **4410091523372**
Option 1 ID : **4410096016746**
Option 2 ID : **4410096016744**
Option 3 ID : **4410096016745**
Option 4 ID : **4410096016743**
Status : **Answered D**
Chosen Option :

Q.110 **During the radical polymerisation of styrene, which termination mode involves two propagating radicals coupling?**

Ans
- ✗ A. Disproportionation
- ✗ B. Initiation
- ✗ C. Chain transfer
- ✓ D. Combination

Question Type : **MCQ**
Question ID : **4410091485581**
Option 1 ID : **4410095868794**
Option 2 ID : **4410095868796**
Option 3 ID : **4410095868793**
Option 4 ID : **4410095868795**
Status : **Answered A**
Chosen Option :

Q.111 **In June 2025, ICMR’s National Institute of Immunohaematology developed a simple point-of-care test for the early detection of which genetic bleeding disorders?**

Ans
- ✗ A. Haemophilia B and beta thalassaemia
- ✓ B. Haemophilia A and Von Willebrand disease
- ✗ C. Cystic fibrosis and Von Willebrand disease
- ✗ D. Thalassaemia and sickle cell anaemia

Question Type : **MCQ**
Question ID : **4410091000104**
Option 1 ID : **4410093952281**
Option 2 ID : **4410093952280**
Option 3 ID : **4410093952282**
Option 4 ID : **4410093952279**
Status : **Answered B**
Chosen Option :

Q.112 **Which organ in the female reproductive system is the site of fertilisation in humans?**

Ans
- ✗ A. Uterus
- ✗ B. Ovary
- ✗ C. Vagina
- ✓ D. Fallopian tube

Question Type : **MCQ**
Question ID : **4410091490911**
Option 1 ID : **4410095889557**
Option 2 ID : **4410095889556**
Option 3 ID : **4410095889558**
Option 4 ID : **4410095889555**
Status : **Answered D**
Chosen Option :

Q.113 **निम्निलिखत म ेंस ेकौन-सा, शिक्षा म ेंशिक्षाथीर्-केंद्रित उपागम की सवोर्त्तम विशषेता बताता ह?ै**

Ans
✗ A. शिक्षािथयोंं को सहयोग या साझा िनणयर्नकिबना क्षमता के आधार पर सख्तीस ेसमहीूकृतिकयाजाता हो ै
✓ B. विद्याथीर् सिक्रय रूप स ेभ[illegible] ह ैउत्तरदाियत्व [illegible] ह, ैऔर अधिग[illegible] आवश्यकता [illegible] जाती ह ै
✗ C. शिक्षक ज्ञान के प्राथिमक स्रोत के रूप म ेंकाय करता ह ैजबिक िवद्याथीर् िनिष्क्रय रूप स ेसनुत ेहो ं
✗ D. पाठ्यचया और िशक्षण िविधया ँसम्पणू रूप सिनिश्चत िवषयवस्त ुप्रदान करन ेपर केंद्रित होती हो ं

Question Type : **MCQ**
Question ID : **4410091506813**
Option 1 ID : **4410095951613**
Option 2 ID : **4410095951610**
Option 3 ID : **4410095951611**
Option 4 ID : **4410095951612**
Status : **Answered D**
Chosen Option :

Q.114 **Which Indian javelin thrower participated in the Paris Diamond League on 20 June 2025?**

Ans
✓ A. Neeraj Chopra
✗ B. Sachin Yadav
✗ C. Davinder Singh Kang
✗ D. Shivpal Singh

Question Type : **MCQ**
Question ID : **441009863800**
Option 1 ID : **4410093408330**
Option 2 ID : **4410093408332**
Option 3 ID : **4410093408333**
Option 4 ID : **4410093408331**
Status : **Answered A**
Chosen Option :

Q.115 **Which of the following tissues is responsible for secondary growth in dicot plants?**

Ans
✗ A. Xylem
✗ B. Pericycle
✗ C. Phloem
✓ D. Cambium

Question Type : **MCQ**
Question ID : **4410091517112**
Option 1 ID : **4410095991825**
Option 2 ID : **4410095991828**
Option 3 ID : **4410095991826**
Option 4 ID : **4410095991827**
Status : **Answered D**
Chosen Option :

Q.116 **Which type of hybridization is shown by the central atom in methane (CH_4)?**

Ans
✗ A. sp
✗ B. sp^2
✗ C. sp^3d
✓ D. sp^3

Question Type : **MCQ**
Question ID : **4410091491775**
Option 1 ID : **4410095892831**
Option 2 ID : **4410095892832**
Option 3 ID : **4410095892834**
Option 4 ID : **4410095892833**
Status : **Answered D**
Chosen Option :

Q.117 **Select the most appropriate option to fill in the blank.**

He ordered _______ omelet at the café.

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

Question Type : **MCQ**
Question ID : **441009483780**
Option 1 ID : **4410091890469**
Option 2 ID : **4410091890471**
Option 3 ID : **4410091890470**
Option 4 ID : **4410091890472**
Status : **Answered A**
Chosen Option :

Q.118 **Which of the following elements is primarily involved in maintaining turgidity and osmotic balance in plant cells?**

Ans
✗ A. Magnesium
✗ B. Calcium
✓ C. Potassium
✗ D. Iron

Question Type : **MCQ**
Question ID : **4410091491547**
Option 1 ID : **4410095891972**
Option 2 ID : **4410095891969**
Option 3 ID : **4410095891970**
Option 4 ID : **4410095891971**
Status : **Answered C**
Chosen Option :

Q.119 **Select the most appropriate option to fill in the blank.**

The child insisted _____ going to the park.

Ans
✗ A. at
✓ B. on
✗ C. for
✗ D. in

Question Type : **MCQ**
Question ID : **4410091483691**
Option 1 ID : **4410095861643**
Option 2 ID : **4410095861644**
Option 3 ID : **4410095861642**
Option 4 ID : **4410095861641**
Status : **Answered C**
Chosen Option :

Q.120 **Where was the 8th edition of Exercise SHAKTI conducted?**

Ans
✗ A. New Delhi, India
✗ B. Pune City, India
✗ C. Lyon City, France
✓ D. La Cavalerie, France

Question Type : **MCQ**
Question ID : **441009935900**
Option 1 ID : **4410093697330**
Option 2 ID : **4410093697333**
Option 3 ID : **4410093697332**
Option 4 ID : **4410093697331**
Status : **Answered C**
Chosen Option :

Q.121 **Which of the following statements is NOT true for the atrio-ventricular node present in the heart?**

Ans
✗ A. It is also called as a pace-setter.
✗ B. It is stimulated by cardiac impulses originated in the SA node.

✗ C. It is present in the right atrium, near the base of the inter atrial septum.

✓ D. It has maximum rhythmicity, which is more than sinoatrial node.

Question Type : **MCQ**
Question ID : **4410091510917**
Option 1 ID : **4410095967705**
Option 2 ID : **4410095967704**
Option 3 ID : **4410095967703**
Option 4 ID : **4410095967702**
Status : **Answered D**
Chosen Option :

Q.122 **Select the correct option with respect to the following statements.**
Statement A: Aniline is sulphonated by heating anilinium hydrogen sulphate at 180–200 °C.
Statement B: The chief product of this reaction is o-aminobenzenesulphonic acid.
Statement C: The reaction produces p-aminobenzenesulphonic acid, also known as sulphanilic acid.

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

Question Type : **MCQ**
Question ID : **4410091486800**
Option 1 ID : **4410095873603**
Option 2 ID : **4410095873604**
Option 3 ID : **4410095873605**
Option 4 ID : **4410095873606**
Status : **Answered B**
Chosen Option :

Q.123 **ज्ञान की किस श्रेणी में प्रायोगिक अनुप्रयोग शामिल होते हैं?**

Ans
✗ A. संप्रत्ययात्मक (Conceptual)
✗ B. अमूर्त (Abstract)
✓ C. कार्यविधिक (Procedural)
✗ D. सैद्धांतिक (Theoretical)

Question Type : **MCQ**
Question ID : **4410091516351**
Option 1 ID : **4410095988805**
Option 2 ID : **4410095988808**
Option 3 ID : **4410095988806**
Option 4 ID : **4410095988807**
Status : **Answered C**
Chosen Option :

Q.124 **The surface area of a porous material measured by nitrogen adsorption at 77 K using the BET method depends critically on which parameter?**

Ans
✗ A. Adsorbent particle size only
✗ B. Density of nitrogen gas at STP
✓ C. Cross-sectional area of nitrogen molecule
✗ D. Pore diameter distribution only

Question Type : **MCQ**
Question ID : **4410091482425**
Option 1 ID : **4410095856683**
Option 2 ID : **4410095856685**
Option 3 ID : **4410095856684**
Option 4 ID : **4410095856686**
Status : **Answered A**
Chosen Option :

Q.125 **कोई शिक्षक, विद्यार्थियों की किन समस्याओं के निपटान के लिए अमूर्त विचारों को ठोस वस्तुओं से संबंधित करता है?**

Ans
✗ A. परिपक्वता सीमाएँ (Maturational limits)
✗ B. भावनात्मक असंतुलन (Emotional imbalances)
✗ C. अहंकेंद्रिक प्रवृत्तियाँ (Egocentric tendencies)
✓ D. अवधारणात्मक न्यूनतायें (Conceptual deficits)

Question Type : **MCQ**
Question ID : **4410091503884**
Option 1 ID : **4410095939831**
Option 2 ID : **4410095939828**
Option 3 ID : **4410095939830**
Option 4 ID : **4410095939829**
Status : **Answered D**
Chosen Option :

Q.126 **Identify the INCORRECTLY spelt word in the given sentence and select the option that rectifies it.**
His argument reflected intelectual depth and a strong commitment to academics.

Ans
✗ A. argumant
✗ B. comittment
✗ C. acadmics
✓ D. intellectual

Question Type : **MCQ**
Question ID : **4410091485029**
Option 1 ID : **4410095866593**
Option 2 ID : **4410095866595**
Option 3 ID : **4410095866596**
Option 4 ID : **4410095866594**
Status : **Answered D**
Chosen Option :

Q.127 **'मनुष्य जीवन नाशवान है' किस लोकोक्ति का अर्थ है?**

Ans
✗ A. आधा तीतर आधा बटेर
✗ B. आप मरे जग प्रलय
✓ C. आदमी पानी का बुलबुला है
✗ D. इतना खाय जितना पचे

Question Type : **MCQ**
Question ID : **4410091483745**
Option 1 ID : **4410095861853**
Option 2 ID : **4410095861854**
Option 3 ID : **4410095861856**
Option 4 ID : **4410095861855**
Status : **Answered C**
Chosen Option :

Q.128 **The challenge in determining benzene's structure was due to:**

Ans
✗ A. Benzene's inability to react with common reagents
✗ B. The large molecular size and many functional groups
✓ C. Limitations in existing structural theory, not molecular complexity
✗ D. Its unknown molecular formula until modern spectroscopy

Question Type : **MCQ**
Question ID : **4410091486794**
Option 1 ID : **4410095873582**
Option 2 ID : **4410095873580**
Option 3 ID : **4410095873579**
Option 4 ID : **4410095873581**
Status : **Answered D**
Chosen Option :

Q.129 **Which of the following happens after the rapid initial uptake of water by the hard seed coat during seed germination?**

Ans
✗ A. It leads to elongation of radicle.
✓ B. It leads to increase in respiration of embryo.
✗ C. It leads to elongation of plumule.
✗ D. It leads to emergence of first leaves.

Question Type : **MCQ**
Question ID : **4410091504746**
Option 1 ID : **4410095943439**
Option 2 ID : **4410095943437**
Option 3 ID : **4410095943438**
Option 4 ID : **4410095943440**
Status : **Answered C**
Chosen Option :

Q.130 **Which of the following molecules is paramagnetic, according to the Molecular Orbital Theory?**

Ans
✗ A. N2
✓ B. NO
✗ C. CO
✗ D. CN^-

Question Type : **MCQ**
Question ID : **4410091482303**
Option 1 ID : **4410095856187**
Option 2 ID : **4410095856189**
Option 3 ID : **4410095856188**
Option 4 ID : **4410095856190**
Status : **Answered A**
Chosen Option :

Q.131 **Symbiotic relationship of fungi with algae is found in ________.**

Ans
✗ A. Higher plants
✓ B. Lichen
✗ C. Pteridophytes
✗ D. Bryophytes

Question Type : **MCQ**
Question ID : **4410091487058**
Option 1 ID : **4410095874631**
Option 2 ID : **4410095874632**
Option 3 ID : **4410095874634**
Option 4 ID : **4410095874633**
Status : **Answered B**
Chosen Option :

Q.132 **Under which Section of the RTI Act, 2005, must public authorities proactively disclose information?**

Ans
✗ A. Section 7

✗ B. Section 5
✗ C. Section 3
✓ D. Section 4

Question Type : **MCQ**
Question ID : **4410091524012**
Option 1 ID : **4410096019334**
Option 2 ID : **4410096019333**
Option 3 ID : **4410096019331**
Option 4 ID : **4410096019332**
Status : **Answered B**
Chosen Option :

Q.133 **How many new hydropower projects is the Himachal Pradesh government planning to allocate, as announced on 2 January 2025?**

Ans
✗ A. 23
✗ B. 24
✓ C. 22
✗ D. 21

Question Type : **MCQ**
Question ID : **4410091529442**
Option 1 ID : **4410096040868**
Option 2 ID : **4410096040867**
Option 3 ID : **4410096040869**
Option 4 ID : **4410096040870**
Status : **Answered A**
Chosen Option :

Q.134

Ans
✗ A. Pumping 3 Na^+ in and 2 K^+ out
✗ B. Equal exchange of Na^+ and K^+
✗ C. Passive diffusion of ions
✓ D. Pumping 3 Na^+ out and 2 K^+ in using ATP

Question Type : **MCQ**
Question ID : **4410091502191**
Option 1 ID : **4410095933133**
Option 2 ID : **4410095933132**
Option 3 ID : **4410095933135**
Option 4 ID : **4410095933134**
Status : **Answered C**
Chosen Option :

Q.135 **'गाल फुलाना' मुहावरे का अर्थ निम्न में से है**

Ans
✗ A. डींगहाँकना
✓ B. रूठना
✗ C. परेशान करना
✗ D. भयभीत होना

Question Type : **MCQ**
Question ID : **441009446022**
Option 1 ID : **4410091742769**
Option 2 ID : **4410091742770**
Option 3 ID : **4410091742772**
Option 4 ID : **4410091742771**
Status : **Answered B**
Chosen Option :

Q.136 **हिमाचल प्रदेश की किस कल्याणकारी पहल का उद्देश्य दीर्घकालिक रूप सेबीमार रोगियों को वित्तीय सहायता प्रदान करना है?**

Ans
✗ A. हिम स्वास्थ्य सहायताकोष
✗ B. हिम आरोग्य मिशन
✓ C. मुख्यमंत्री सहारा योजना
✗ D. स्वस्थ जीवन योजना

Question Type : **MCQ**
Question ID : **4410091531998**
Option 1 ID : **4410096051047**
Option 2 ID : **4410096051049**
Option 3 ID : **4410096051050**
Option 4 ID : **4410096051048**
Status : **Answered B**
Chosen Option :

Q.137 **In microlecithal eggs, such as those of eutherian mammals, the cleavage pattern is best described as which of the following?**

Ans
✗ A. Discoidal B.
✗ Superficial C.
✗ Meroblastic D.
✓ Holoblastic

Question Type : **MCQ**
Question ID : **4410091489542**
Option 1 ID : **4410095884211**
Option 2 ID : **4410095884212**
Option 3 ID : **4410095884210**
Option 4 ID : **4410095884209**
Status : **Answered D**
Chosen Option :

Q.138 **Which of the following structures is formed in the beginning of the cytokinesis in plant cell?**

Ans
✗ A. Cell furrow
✗ B. Cell membrane
✗ C. Cell wall
✓ D. Cell plate

Question Type : **MCQ**
Question ID : **4410091507553**
Option 1 ID : **4410095954815**
Option 2 ID : **4410095954816**
Option 3 ID : **4410095954813**
Option 4 ID : **4410095954814**
Status : **Answered D**
Chosen Option :

Q.139 **शिक्षक ने 'ब्लैक-बोर्ड' पर एक शब्द लिख दिया है। वह शब्द है, 'देय'। अब इसका विलोमार्थी शब्द हमें अपनी-अपनी कॉपियों में लिखना है। मेरे मन में अनेक शब्द उभर रहे हैं, किन्तु मैं निर्णय नहीं कर पा रहा हूँ कि इनमें से सबसे सही शब्द कौन सा है? क्या आप इनमें से सही विकल्प को चुन सकते हैं?**

Ans
✗ A. विदेय
✗ B. अदेह
✗ C. सदेय
✓ D. अदेय

Question Type : **MCQ**
Question ID : **4410091515837**
Option 1 ID : **4410095986723**
Option 2 ID : **4410095986724**
Option 3 ID : **4410095986721**
Option 4 ID : **4410095986722**
Status : **Answered D**
Chosen Option :

Q.140 **Athletics (like running and jumping) belong to which category?**

Ans
✗ A. Adventure sports
✓ B. Track and field events
✗ C. Aquatic sports
✗ D. Combative sports

Question Type : **MCQ**
Question ID : **4410091516312**
Option 1 ID : **4410095988642**
Option 2 ID : **4410095988644**
Option 3 ID : **4410095988643**
Option 4 ID : **4410095988641**
Status : **Answered B**
Chosen Option :

Q.141 **Which of the following pigments mainly imparts brown colour to the algae of class Phaeophyceae?**

Ans
✗ A. Phycoerythrin
✗ B. Lutein
✓ C. Fucoxanthin
✗ D. Phycocyanin

Question Type : **MCQ**
Question ID : **4410091490100**
Option 1 ID : **4410095886413**
Option 2 ID : **4410095886416**
Option 3 ID : **4410095886415**
Option 4 ID : **4410095886414**
Status : **Answered C**
Chosen Option :

Q.142 **Dicotyledons and monocotyledons classes of division are used for ___________.**

Ans
✗ A. gymnosperms
✓ B. angiosperms
✗ C. pteridophytes
✗ D. bryophytes

Question Type : **MCQ**
Question ID : **4410091517072**
Option 1 ID : **4410095991671**
Option 2 ID : **4410095991672**
Option 3 ID : **4410095991670**
Option 4 ID : **4410095991669**
Status : **Answered B**
Chosen Option :

Q.143 **Which of the following best defines obligate parasitism?**

Ans
✗ A. A parasite living temporarily inside the host
✓ B. A parasite that cannot complete its life cycle without a host
✗ C. A parasite that occasionally becomes free-living
✗ D. A parasite that lives on the surface of the host body

Question Type : **MCQ**
Question ID : **4410091491467**
Option 1 ID : **4410095891652**

Option 2 ID : **4410095891649**
Option 3 ID : **4410095891650**
Option 4 ID : **4410095891651**
Status : **Answered A**
Chosen Option :

Q.144 **Which vertebrates exhibit fully divided systemic and pulmonary circulatory systems?**

Ans
- ✗ A. Reptiles (except crocodiles)
- ✗ B. Lungfishes
- ✗ C. Amphibians
- ✓ D. Birds and mammals

Question Type : **MCQ**
Question ID : **4410091539332**
Option 1 ID : **4410096080664**
Option 2 ID : **4410096080666**
Option 3 ID : **4410096080663**
Option 4 ID : **4410096080665**
Status : **Answered C**
Chosen Option :

Q.145 **Which of the following classes of superclass Pisces consists of extinct and armoured fishes with powerful jaws?**

Ans
- ✗ A. Chondrichthyes
- ✗ B. Osteichthyes
- ✓ C. Placodermi
- ✗ D. Selachii

Question Type : **MCQ**
Question ID : **4410091494789**
Option 1 ID : **4410095904571**
Option 2 ID : **4410095904573**
Option 3 ID : **4410095904572**
Option 4 ID : **4410095904574**
Status : **Answered A**
Chosen Option :

Q.146 **Azadirachtin is a potent, natural compound derived from which of the following plants?**

Ans
- ✓ A. Azadirachta indica
- ✗ B. Ficus benghalensis
- ✗ C. Melia azedarach
- ✗ D. Dalbergia sissoo

Question Type : **MCQ**
Question ID : **4410091504470**
Option 1 ID : **4410095942335**
Option 2 ID : **4410095942337**
Option 3 ID : **4410095942334**
Option 4 ID : **4410095942336**
Status : **Answered A**
Chosen Option :

Q.147 **निम्मिलिखत म ेंस ेकौन-सा, भारत म ेंजीवीय प्राकृितक ससांधन का उदाहरण नहीं ह?ै**

Ans
- ✗ A. काजीरगंा राष्ट्रीय उद्यानकावन्यजीवन
- ✗ B. पिश्चमी घाट के वन
- ✓ C. गगंा के मदैानों का भजूल
- ✗ D. भारत-गगंा के मदैानों की कृिष फसलें

Question Type : **MCQ**
Question ID : **4410091530367**
Option 1 ID : **4410096044552**
Option 2 ID : **4410096044551**
Option 3 ID : **4410096044553**
Option 4 ID : **4410096044554**
Status : **Answered A**
Chosen Option :

Q.148 **According to Bentham and Hooker's classification, the family Asteraceae is placed under which order and class, respectively?**

Ans
- ✗ A. Campanales, Monocotyledonae
- ✗ B. Rosales, Dicotyledonae
- ✗ C. Helobiales, Monocotyledonae
- ✓ D. Asterales, Dicotyledonae

Question Type : **MCQ**
Question ID : **4410091490368**
Option 1 ID : **4410095887466**
Option 2 ID : **4410095887465**
Option 3 ID : **4410095887468**
Option 4 ID : **4410095887467**
Status : **Answered D**
Chosen Option :

Q.149 **Which of the following is a cheap, easily available, readily assimilated and relatively stable source of carbon in plant tissue culture?**

Ans
- ✗ A. Galactose
- ✗ B. Maltose
- ✓ C. Sucrose
- ✗ D. Glucose

Question Type : **MCQ**
Question ID : **4410091507472**
Option 1 ID : **4410095954492**
Option 2 ID : **4410095954491**
Option 3 ID : **4410095954490**
Option 4 ID : **4410095954489**
Status : **Answered D**
Chosen Option :

Q.150 **Tap roots, unbranched stem and initial pinnate leaves are general characteristics of ______.**

Ans
- ✗ A. Cedrus
- ✓ B. Cycas
- ✗ C. Pinus
- ✗ D. Sequoia

Question Type : **MCQ**
Question ID : **4410091488939**
Option 1 ID : **4410095881920**
Option 2 ID : **4410095881919**
Option 3 ID : **4410095881918**
Option 4 ID : **4410095881921**
Status : **Answered D**
Chosen Option :

Q.151 **आनशुासिनक ज्ञान, दिनक ज्ञान स ेभिन्न होता ह ैक्योंकि______।**

Ans
- ✗ A. इसकीपाठ्यचयार्मेंकोई भिूमका नहीं होतीहै
- ✓ B. यह व्यविस्थत पिरपच्छ्रा स ेउत्पन्न होता है
- ✗ C. यह केवल सामान्य समझ पर आधािरत होता है
- ✗ D. यह कठोर होता ह ैऔर इसम ेंपिरवतनर् नहीं होता है

Question Type : **MCQ**
Question ID : **4410091512592**
Option 1 ID : **4410095974433**
Option 2 ID : **4410095974431**
Option 3 ID : **4410095974432**
Option 4 ID : **4410095974430**
Status : **Answered B**
Chosen Option :

Q.152 **What is the main difference between Southern blotting and Northern blotting techniques?**

Ans
- ✗ A. Southern blotting uses antibodies, whereas Northern blotting uses probes.
- ✗ B. Southern blotting separates RNA, whereas Northern blotting separates proteins.
- ✗ C. Southern blotting detects proteins, whereas Northern blotting detects DNA.
- ✓ D. Southern blotting detects DNA, whereas Northern blotting detects RNA.

Question Type : **MCQ**
Question ID : **4410091491430**
Option 1 ID : **4410095891503**
Option 2 ID : **4410095891504**
Option 3 ID : **4410095891502**
Option 4 ID : **4410095891501**
Status : **Answered D**
Chosen Option :

Q.153 **Asexual reproduction takes place by means of conidia in ________.**

Ans
- ✗ A. Algae
- ✗ B. Pteridophytes
- ✗ C. Bryophytes
- ✓ D. Fungi

Question Type : **MCQ**
Question ID : **4410091487108**
Option 1 ID : **4410095874843**
Option 2 ID : **4410095874846**
Option 3 ID : **4410095874845**
Option 4 ID : **4410095874844**
Status : **Answered A**
Chosen Option :

Q.154 **Which microorganism is used for the industrial production of Vitamin B12 (cyanocobalamin)?**

Ans
- ✓ A. Propionibacterium shermanii
- ✗ B. Aspergillus niger
- ✗ C. Lactobacillus casei
- ✗ D. Penicillium chrysogenum

Question Type : **MCQ**
Question ID : **4410091490080**
Option 1 ID : **4410095886333**
Option 2 ID : **4410095886334**
Option 3 ID : **4410095886336**
Option 4 ID : **4410095886335**
Status : **Answered D**
Chosen Option :

Q.155 **1 नवबंर 1858 को किस शहर म ेंभव्य दरबार आयोिजत किया गया था, जहांलॉडर् किनंग द्वारा शाही उद्घोषण भजेी गई थी?**

Ans
✗ A. दिल्ली
✗ B. कलकत्ता
✗ C. लखनऊ
✓ D. इलाहाबाद

Question Type : **MCQ**
Question ID : **4410091523471**
Option 1 ID : **4410096017131**
Option 2 ID : **4410096017132**
Option 3 ID : **4410096017133**
Option 4 ID : **4410096017134**
Status : **Answered B**
Chosen Option :

Q.156 **Which of the following industrial areas is often called the main pharmaceutical and manufacturing hub of Himachal Pradesh?**

Ans
✓ A. Baddi–Barotiwala–Nalagarh industrial belt
✗ B. Paonta Sahib industrial area
✗ C. Pragati Nagar industrial estate
✗ D. Nurpur–Indora industrial corridor

Question Type : **MCQ**
Question ID : **4410091529397**
Option 1 ID : **4410096040692**
Option 2 ID : **4410096040691**
Option 3 ID : **4410096040693**
Option 4 ID : **4410096040694**
Status : **Answered B**
Chosen Option :

Q.157 **Which of the following microbes is used for the commercial production of ethyl alcohol?**

Ans
✗ A. Aspergillus niger
✗ B. Acetobacter aceti
✓ C. Saccharomyces cerevisiae
✗ D. Clostridium butylicum

Question Type : **MCQ**
Question ID : **4410091487065**
Option 1 ID : **4410095874661**
Option 2 ID : **4410095874660**
Option 3 ID : **4410095874659**
Option 4 ID : **4410095874662**
Status : **Answered C**
Chosen Option :

Q.158 **Which of the following is correct?**

Ans
✓ A. Neutron has no electrical charge
✗ B. Photon is positively charged
✗ C. Protons and electrons are nucleons
✗ D. Electrons and neutrons are nucleons

Question Type : **MCQ**
Question ID : **441009624634**
Option 1 ID : **4410092452668**
Option 2 ID : **4410092452669**
Option 3 ID : **4410092452670**
Option 4 ID : **4410092452671**
Status : **Answered A**
Chosen Option :

Q.159 **Which measure reduces the tsunami impact on coastal settlements?**

Ans
✗ A. Building houses on the immediate shoreline
✓ B. Conserving mangroves and coastal buffer zones
✗ C. Encouraging high-rise construction at the water's edge
✗ D. Removing mangroves and dunes

Question Type : **MCQ**
Question ID : **4410091503180**
Option 1 ID : **4410095936932**
Option 2 ID : **4410095936934**
Option 3 ID : **4410095936935**
Option 4 ID : **4410095936933**
Status : **Answered B**
Chosen Option :

Q.160 **Both Tribolium and Sitophilus belong to which order?**

Ans
✓ A. Coleoptera
✗ B. Diptera
✗ C. Lepidoptera
✗ D. Hymenoptera

Question Type : **MCQ**
Question ID : **4410091499561**
Option 1 ID : **4410095923152**
Option 2 ID : **4410095923151**
Option 3 ID : **4410095923153**
Option 4 ID : **4410095923150**
Status : **Answered C**
Chosen Option :

Q.161 **Why does the atomic radius increase down a group in the periodic table?**

Ans
✗ A. Inter-electronic repulsion in the same shell decreases the atomic size
✓ B. Addition of electron shells increases the distance of valence electrons from the nucleus
✗ C. Decrease in shielding effect causes stronger attraction on valence electrons
✗ D. Increasing effective nuclear charge pulls outer electrons closer to the nucleus

Question Type : **MCQ**
Question ID : **4410091486820**
Option 1 ID : **4410095873685**
Option 2 ID : **4410095873683**
Option 3 ID : **4410095873686**
Option 4 ID : **4410095873684**
Status : **Answered B**
Chosen Option :

Q.162 **Which of the following pairs correctly matches the type of disease with an example?**

Ans
✓ A. Tuberculosis – Communicable; Diabetes – Non-communicable
✗ B. Hypertension – Communicable; Influenza – Non-communicable
✗ C. Malaria – Non-communicable; Cancer – Communicable
✗ D. Asthma – Communicable; Typhoid – Non-communicable

Question Type : **MCQ**
Question ID : **4410091492337**
Option 1 ID : **4410095895085**
Option 2 ID : **4410095895087**
Option 3 ID : **4410095895086**
Option 4 ID : **4410095895088**
Status : **Answered A**
Chosen Option :

Q.163 **Which of the following correctly describes an alternative mode** of infection by Ancylostoma duodenale other than skin penetration?

Ans
✗ A. Transmission through mosquitobites
✓ B. Ingestion of filariform larvae through contaminated food or water
✗ C. Inhalation of eggs suspended in air
✗ D. Encystment of larvae in skeletal muscles

Question Type : **MCQ**
Question ID : **4410091491870**
Option 1 ID : **4410095893185**
Option 2 ID : **4410095893184**
Option 3 ID : **4410095893187**
Option 4 ID : **4410095893186**
Status : **Answered B**
Chosen Option :

Q.164 **In infrared (IR) spectroscopy, the absorption of radiation corresponds primarily to which type of molecular motion?**

Ans
✗ A. Electronic transitions
✓ B. Vibrational transitions
✗ C. Nuclear magnetic resonance
✗ D. Rotational transitions

Question Type : **MCQ**
Question ID : **4410091488257**
Option 1 ID : **4410095879196**
Option 2 ID : **4410095879198**
Option 3 ID : **4410095879197**
Option 4 ID : **4410095879199**
Status : **Answered C**
Chosen Option :

Q.165 **Which of the following DOES NOT share a border with Himachal Pradesh?**

Ans
✗ A. Punjab
✗ B. Haryana
✓ C. Rajasthan
✗ D. Uttarakhand

Question Type : **MCQ**
Question ID : **4410091529325**
Option 1 ID : **4410096040403**
Option 2 ID : **4410096040404**
Option 3 ID : **4410096040406**
Option 4 ID : **4410096040405**
Status : **Answered C**
Chosen Option :

Q.166 **बोलीिवया म ेंजन आंदोलन(2000) किस सरकारी निणयर् के विरुद्ध हुआ था?**

Ans
✗ A. ट्रेड यूनियनों पर प्रतिबधं
✓ B. जल आपूितर् का िनजीकरण
✗ C. सन्यै शासन की शुरुआत
✗ D. आयकर म ें वृिद्ध

Question Type : **MCQ**
Question ID : **4410091503507**
Option 1 ID : **4410095938223**
Option 2 ID : **4410095938221**
Option 3 ID : **4410095938220**
Option 4 ID : **4410095938222**
Status : **Answered A**
Chosen Option :

Q.167 **सामािजक प्रितमानक(Social norm) क्या ह?ैं**

Ans
✓ A. समाज मेंअपेिक्षतिनयम (Rulesexpectedinsociety)
✗ B. जैिवक लक्षण (Biological traits)
✗ C. व्यिक्तगत स्वप्न (Personal dreams)
✗ D. यादृिच्छक व्यवहार (Random behaviours)

Question Type : **MCQ**
Question ID : **4410091517360**
Option 1 ID : **4410095992809**
Option 2 ID : **4410095992811**
Option 3 ID : **4410095992810**
Option 4 ID : **4410095992812**
Status : **Answered A**
Chosen Option :

Q.168 **The unidirectional movement of energy through different trophic levels in an ecosystem is known as _______.**

Ans
✓ A. Energy flow
✗ B. Energy recycling
✗ C. Energy fixation
✗ D. Energy dissipation

Question Type : **MCQ**
Question ID : **4410091492150**
Option 1 ID : **4410095894310**
Option 2 ID : **4410095894311**
Option 3 ID : **4410095894312**
Option 4 ID : **4410095894309**
Status : **Answered A**
Chosen Option :

Q.169

मई 2025 म,ें निम्निलिखत म ेंस िकसन,े दिक्षण कोिरया के गमुी म ेंआयोिजत 2025 एिशयाई एथलेिटक्स चिैंपयनिशप म ेंमिहलाओ ंकी 100 मीटर बाधा दौड़ 12.96 सकेंड का समय निकालकर नया प्रितयोिगता रिकॉडर् स्थािपत िकया?

Ans
✗ A. अजंलीमडावी
✗ B. पजू ा िसंह
✓ C. ज्योित याराजी
✗ D. दीपका कुमारी

Question Type : **MCQ**
Question ID : **441009999712**
Option 1 ID : **4410093950692**
Option 2 ID : **4410093950690**
Option 3 ID : **4410093950689**
Option 4 ID : **4410093950691**
Status : **Answered C**
Chosen Option :

Q.170 **Select the most appropriate idiom to substitute the underlined segment in the given sentence.**

Rita was disappointed at first, but she forced herself to be brave and accept the criticism and moved on.

Ans
✓ A. bitthe bullet
✗ B. made a mountain out of a molehill
✗ C. blew her own trumpet
✗ D. threw in the towel

Question Type : **MCQ**
Question ID : **4410091485381**
Option 1 ID : **4410095867999**
Option 2 ID : **4410095868000**
Option 3 ID : **4410095867997**
Option 4 ID : **4410095867998**
Status : **Answered B**
Chosen Option :

Q.171 **Which liquid property becomes undefined at the critical point?**

Ans
✗ A. Vapourpressure
✗ B. Viscosity
✓ C. Surface tension
✗ D. Boiling point

Question Type : **MCQ**
Question ID : **4410091482309**
Option 1 ID : **4410095856214**
Option 2 ID : **4410095856211**
Option 3 ID : **4410095856213**
Option 4 ID : **4410095856212**
Status : **Answered B**
Chosen Option :

Q.172 **Which of the following statements are true in relation with aromatic plants?**
i) They contain essential oils that are volatile at room temperature and are responsible for their distinctive and often pleasant scents.
ii) They generally lack secondary and primary metabolites.
iii) The aromatic oils serve important ecological purposes for the plant, such as attracting pollinators and deterring pests.
iv) They mainly include rice, wheat, maize and sorghum.

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

Question Type : **MCQ**
Question ID : **4410091504634**
Option 1 ID : **4410095942987**
Option 2 ID : **4410095942988**
Option 3 ID : **4410095942989**
Option 4 ID : **4410095942986**
Status : **Answered A**
Chosen Option :

Q.173 **Which of the following accurately describes the mechanism of locomotion in Pheretima posthuma?**

Ans
✗ A. Peristaltic movementproducedonly by longitudinal muscles
✓ B. Alternating contraction of circular and longitudinal muscles aided by setae
✗ C. Gliding movement caused by cilia and mucous secretion
✗ D. Hydrostatic pressure generated by pseudocoelomic fluid

Question Type : **MCQ**
Question ID : **4410091485106**
Option 1 ID : **4410095866902**
Option 2 ID : **4410095866901**

Option 3 ID : **4410095866904**
Option 4 ID : **4410095866903**
Status : **Answered A**
Chosen Option :

Q.174 **किन्नौर जिला, हिमाचल प्रदेश के किस राजस्व प्रभाग के अतंगतर् आता ह?ै**

Ans
- ✗ A. काँगड़ाराजस्वप्रभाग
- ✗ B. मडी राजस्व प्रभाग
- ✓ C. शिमला राजस्व प्रभाग
- ✗ D. कुल्ल ूराजस्व प्रभाग

Question Type : **MCQ**
Question ID : **4410091523526**
Option 1 ID : **4410096017360**
Option 2 ID : **4410096017359**
Option 3 ID : **4410096017362**
Option 4 ID : **4410096017361**
Status : **Answered C**
Chosen Option :

Q.175 **Which of the following alkaloids contains an indole nucleus?**

Ans
- ✗ A. Morphine
- ✗ B. Quinine
- ✗ C. Nicotine
- ✓ D. Reserpine

Question Type : **MCQ**
Question ID : **4410091496705**
Option 1 ID : **4410095912091**
Option 2 ID : **4410095912090**
Option 3 ID : **4410095912089**
Option 4 ID : **4410095912092**
Status : **Answered D**
Chosen Option :

Q.176 **The photoperiod stimulus in plants is perceived by ________.**

Ans
- ✗ A. Stems
- ✗ B. Buds
- ✗ C. Roots
- ✓ D. Leaves

Question Type : **MCQ**
Question ID : **4410091507670**
Option 1 ID : **4410095955283**
Option 2 ID : **4410095955284**
Option 3 ID : **4410095955282**
Option 4 ID : **4410095955281**
Status : **Answered D**
Chosen Option :

Q.177 **निम्निलिखत अक्षर-शृखंला का सदंभ र्लीजिए और दिए गए प्रश्न का उत्तर दीजिए।**
गिनती केवल बाएँ स`दाएँ की जानी ह।ै

(बाएँ) V D I C O X I E W G X I D I C E U T S I A K (दाएँ)

ऐस ेकितन ेव्यजंन ह`ैजिनके ठीक पहलेएक स्वर ह ैऔर ठीक बाद म`ेभी एक स्वर ह?ै

Ans
- ✗ A. छह
- ✓ B. चार
- ✗ C. पाचँ
- ✗ D. तीन

Question Type : **MCQ**
Question ID : **441009783147**
Option 1 ID : **4410093086594**
Option 2 ID : **4410093086591**
Option 3 ID : **4410093086592**
Option 4 ID : **4410093086593**
Status : **Answered B**
Chosen Option :

Q.178 **Mustard is a __________ grown in the winter season from October to March.**

Ans
- ✓ A. Rabicrop
- ✗ B. Monsoon crop
- ✗ C. Kharif crop
- ✗ D. Zaid crop

Question Type : **MCQ**
Question ID : **4410091504448**
Option 1 ID : **4410095942247**
Option 2 ID : **4410095942246**
Option 3 ID : **4410095942248**
Option 4 ID : **4410095942249**
Status : **Answered A**
Chosen Option :

Q.179 **Which of the following statements is NOT correct regarding class Reptilia?**

Ans
- ✓ A. The skull is dicondylic.
- ✗ B. The skin is dry and rough without any glands.
- ✗ C. The nervous system comprises of 12 pairs of cranial nerves.
- ✗ D. The body is divided into head, neck, trunk and tail.

Question Type : **MCQ**
Question ID : **4410091496604**
Option 1 ID : **4410095911691**
Option 2 ID : **4410095911689**
Option 3 ID : **4410095911692**
Option 4 ID : **4410095911690**
Status : **Answered A**
Chosen Option :

Q.180 **Which of the following systems of classification is called the Natural System of classification?**

Ans
- ✓ A. Bentham andHooker'ssystemofclassification
- ✗ B. Takhtajan system of classification
- ✗ C. Linnaean system of classification
- ✗ D. Hutchinson system of classification

Question Type : **MCQ**
Question ID : **4410091491105**
Option 1 ID : **4410095890214**
Option 2 ID : **4410095890217**
Option 3 ID : **4410095890215**
Option 4 ID : **4410095890216**
Status : **Answered A**
Chosen Option :

Q.181 **Which of the following defect occurs when an atom of a different element replaces a host atom in the lattice?**

Ans
- ✓ A. Substitutionaldefect
- ✗ B. Interstitial defect
- ✗ C. Frenkel defect
- ✗ D. Schottky defect

Question Type : **MCQ**
Question ID : **4410091477962**
Option 1 ID : **4410095839181**
Option 2 ID : **4410095839182**
Option 3 ID : **4410095839180**
Option 4 ID : **4410095839179**
Status : **Answered C**
Chosen Option :

Q.182 **__________________, शकर्रा को इथनॉेल म`ेकिण्वत करता ह,ै जो बीयर और वाइन जसै`मादक पये पदाथोर्ं के उत्पादन के लिए एक महत्वपणू प्रिक्रया ह।ै**

Ans
- ✗ A. अगिरकस िबस्पोरस(Agaricus bisporus)
- ✗ B. पक्सिीनया ग्रिमिनस (Puccinia graminis)
- ✓ C. सकैरोमाइससे सरिविसया (Saccharomyces cerevisiae)
- ✗ D. राइज़ोपस स्टोलिोनफर (Rhizopus stolonifer)

Question Type : **MCQ**
Question ID : **4410091488269**
Option 1 ID : **4410095879246**
Option 2 ID : **4410095879247**
Option 3 ID : **4410095879245**
Option 4 ID : **4410095879244**
Status : **Answered C**
Chosen Option :

Q.183 **The precipitation of Ag^+ as AgCl upon addition of dilute HCl is due to:**

Ans
- ✗ A. The increase in temperature favouringdissociation of AgCl intoions
- ✗ B. The reduction of chloride ions to chlorine molecules in the solution
- ✓ C. The low solubility product value of AgCl compared to other chlorides
- ✗ D. The oxidation of Ag^+ to metallic silver in acidic conditions

Question Type : **MCQ**
Question ID : **4410091486995**
Option 1 ID : **4410095874386**
Option 2 ID : **4410095874385**
Option 3 ID : **4410095874383**
Option 4 ID : **4410095874384**
Status : **Answered D**
Chosen Option :

Q.184 **सवोर्चित क्रिया शब्द स`ेदिया गया वाक्य पणू र्करें**

विद्याथीर् कक्षा म`े.......... रह ेहैं

Ans
- ✗ A. उड़
- ✗ B. देख
- ✓ C. पढ़
- ✗ D. पड़

Question Type : **MCQ**
Question ID : **441009448063**
Option 1 ID : **4410091750923**
Option 2 ID : **4410091750921**
Option 3 ID : **4410091750924**
Option 4 ID : **4410091750922**
Status : **Answered C**

Chosen Option :

Q.185 **Assuming Hardy Weinberg equilibrium, if the frequency of two alleles at the gene being studied is 0.6 and 0.4, the genotype frequency for a heterozygous condition will be ______.**

Ans
- ✗ A. 0.64
- ✗ B. 0.32
- ✗ C. 0.4
- ✓ D. 0.48

Question Type : **MCQ**
Question ID : **4410091517928**
Option 1 ID : **4410095994955**
Option 2 ID : **4410095994957**
Option 3 ID : **4410095994954**
Option 4 ID : **4410095994956**
Status : **Answered C**
Chosen Option :

Q.186 **Transition metals differ in periodic trends because:**

Ans
- ✓ A. Shieldingand nuclearchargeeffects nearlybalance
- ✗ B. They contain filled s orbitals but empty p orbitals
- ✗ C. Their atomic numbers change irregularly within periods
- ✗ D. They lack any defined oxidation state patterns

Question Type : **MCQ**
Question ID : **4410091486833**
Option 1 ID : **4410095873735**
Option 2 ID : **4410095873738**
Option 3 ID : **4410095873736**
Option 4 ID : **4410095873737**
Status : **Answered C**
Chosen Option :

Q.187 **निम्नलिखित वाक्य के रखांकित शब्द का पर्यायवाची कौन-सा शब्द नहीं है?**
'मुझे जन्मदिन पर माँ ने उपहार दिया।'

Ans
- ✗ A. भेंट
- ✗ B. सौगात
- ✗ C. तोहफा
- ✓ D. प्रगति

Question Type : **MCQ**
Question ID : **4410091486212**
Option 1 ID : **4410095871277**
Option 2 ID : **4410095871278**
Option 3 ID : **4410095871279**
Option 4 ID : **4410095871276**
Status : **Answered D**
Chosen Option :

Q.188 **At 300 K, a protein folding reaction has $\Delta H = -200$ kJ/mol and $\Delta S = -500$ J/mol·K. Which of the following statements is correct?**

Ans
- ✓ A. Folding becomesspontaneous onlyat $T<400K$
- ✗ B. Folding is spontaneous at 500 K
- ✗ C. Folding is non-spontaneous at all temperatures
- ✗ D. Folding becomes spontaneous only at $T > 400$ K

Question Type : **MCQ**
Question ID : **4410091482333**
Option 1 ID : **4410095856301**
Option 2 ID : **4410095856299**
Option 3 ID : **4410095856300**
Option 4 ID : **4410095856302**
Status : **Answered A**
Chosen Option :

Q.189 **Which order of eutherian mammals includes cows, giraffes, pigs, hippos, and whales?**

Ans
- ✗ A. Chiroptera
- ✗ B. Carnivora
- ✗ C. Perissodactyla
- ✓ D. Cetartiodactyla

Question Type : **MCQ**
Question ID : **4410091489251**
Option 1 ID : **4410095883109**
Option 2 ID : **4410095883110**
Option 3 ID : **4410095883108**
Option 4 ID : **4410095883107**
Status : **Answered C**
Chosen Option :

Q.190 **Which of the following is NOT correct about the role of propagation in free radical polymerization?**

Ans
- ✗ A. Propagationsteps can repeat hundredsof timesuntil chain termination occurs.
- ✗ B. The propagation step involves the growth of polymer chains by repeated addition of monomer to the radical end.
- ✗ C. Each propagation event generates a new radical at the end of the growing chain.
- ✓ D. Propagation requires the continuous generation of initiator molecules during the reaction.

Question Type : **MCQ**
Question ID : **4410091491491**
Option 1 ID : **4410095891748**
Option 2 ID : **4410095891745**
Option 3 ID : **4410095891746**
Option 4 ID : **4410095891747**
Status : **Answered B**
Chosen Option :

Q.191 **Which of the following DNA strands is used as a template strand during transcription?**

Ans
- ✗ A. Sense strand
- ✗ B. Coding strand
- ✗ C. Strand with 3'-5' polarity
- ✓ D. Anti-sense strand

Question Type : **MCQ**
Question ID : **4410091507671**
Option 1 ID : **4410095955285**
Option 2 ID : **4410095955286**
Option 3 ID : **4410095955288**
Option 4 ID : **4410095955287**
Status : **Answered C**
Chosen Option :

Q.192 **हिमाचल प्रदेश आर्थिक सर्वेक्षण 2024-25 के अनुसार, वर्ष 2023-24 के लिए वर्तमान कीमतों पर राज्य की प्रति व्यक्ति आय (PCI) कितनी थी**

Ans
- ✗ A. ₹1,98,540
- ✓ B. ₹2,34,782
- ✗ C. ₹2,57,212
- ✗ D. ₹2,10,662

Question Type : **MCQ**
Question ID : **4410091540762**
Option 1 ID : **4410096086330**
Option 2 ID : **4410096086329**
Option 3 ID : **4410096086328**
Option 4 ID : **4410096086327**
Status : **Answered B**
Chosen Option :

Q.193 **In which of the following classes of phylum Platyhelminthes is the body covered with epidermis or syncytial epidermis?**

Ans
- ✗ A. Monogenea
- ✓ B. Turbellaria
- ✗ C. Trematoda
- ✗ D. Cestoidea

Question Type : **MCQ**
Question ID : **4410091487548**
Option 1 ID : **4410095876584**
Option 2 ID : **4410095876586**
Option 3 ID : **4410095876583**
Option 4 ID : **4410095876585**
Status : **Answered D**
Chosen Option :

Q.194 **Calculate the standard Gibbs free energy change $\Delta G°$ (in kJ·mol^{-1}), for the standard cell in which $E° = 1.10$ V and $n = 3$.**

Ans
- ✓ A. −318.4 kJ·mol^{-1}
- ✗ B. −106.1 kJ·mol^{-1}
- ✗ C. −42.45 kJ·mol^{-1}
- ✗ D. +212.3 kJ·mol^{-1}

Question Type : **MCQ**
Question ID : **4410091487989**
Option 1 ID : **4410095878080**
Option 2 ID : **4410095878081**
Option 3 ID : **4410095878083**
Option 4 ID : **4410095878082**
Status : **Answered B**
Chosen Option :

Q.195 **In the Nernst equation, if the number of electrons (n) transferred increases, what is the effect on the magnitude of electrode potential change per unit change in Q?**

Ans ✗ A. It becomesinfinite
✗ B. It increases
✓ C. It decreases
✗ D. It remains unchanged

Question Type : **MCQ**
Question ID : **4410091488691**
Option 1 ID : **4410095880954**
Option 2 ID : **4410095880951**
Option 3 ID : **4410095880952**
Option 4 ID : **4410095880953**
Status : **Answered D**
Chosen Option :

Q.196 **Which of the following combinations of quantum numbers (n, l, ml, ms) is NOT permitted for an electron in an atom?**

Ans ✓ A. n = 2, l = 2, ml = 1, ms = +½
✗ B. n = 4, l = 0, ml = 0, ms = –½
✗ C. n = 3, l = 2, ml = 2, ms = +½
✗ D. n = 2, l = 1, ml = 0, ms = –½

Question Type : **MCQ**
Question ID : **4410091482296**
Option 1 ID : **4410095856161**
Option 2 ID : **4410095856162**
Option 3 ID : **4410095856159**
Option 4 ID : **4410095856160**
Status : **Answered D**
Chosen Option :

Q.197 **A complex with the formula [M(diamine)2X2] exhibits both optical and geometrical isomerism. What must be the stereochemistry of the metal center 'M'?**

Ans ✓ A. Octahedral geometry B.
✗ Tetrahedral geometry C.
✗ Linear geometry D. Square
✗ planar geometry

Question Type : **MCQ**
Question ID : **4410091483714**
Option 1 ID : **4410095861736**
Option 2 ID : **4410095861733**
Option 3 ID : **4410095861735**
Option 4 ID : **4410095861734**
Status : **Answered D**
Chosen Option :

Comprehension:

Read thefollowingpassage carefully and answer the questions given below.
Robotics is the field of designing, building, and using robots, combining computer science, engineering, and technology. Traditionally, robots were developed to handle simple, repetitive, or dangerous tasks that humans couldn’t perform safely. However, advances in artificial intelligence and machine learning are now enabling more complex human-to-robot interactions. The robotics industry is expected to grow rapidly, with projections estimating its value to reach $260 billion by 2030. A major part of this growth will come from professional service robots that assist humans in tasks like cleaning, delivery, and transportation, making robots a bigger part of everyday life.

SubQuestion No : 198

Q.198 **How is the passage structured?**

Ans ✗ A. It compares robotswith humans.
✗ B. It describes a problem and gives a solution.
✗ C. It narrates a personal story about using robots.
✓ D. It explains the past, present, and future of robotics.

Question Type : **MCQ**
Question ID : **4410091136638**
Option 1 ID : **4410094481769**
Option 2 ID : **4410094481767**
Option 3 ID : **4410094481766**
Option 4 ID : **4410094481768**
Status : **Answered B**
Chosen Option :

Comprehension:

Read thefollowingpassage carefully and answer the questions given below.
Robotics is the field of designing, building, and using robots, combining computer science, engineering, and technology. Traditionally, robots were developed to handle simple, repetitive, or dangerous tasks that humans couldn’t perform safely. However, advances in artificial intelligence and machine learning are now enabling more complex human-to-robot interactions. The robotics industry is expected to grow rapidly, with projections estimating its value to reach $260 billion by 2030. A major part of this growth will come from professional service robots that assist humans in tasks like cleaning, delivery, and transportation, making robots a bigger part of everyday life.

SubQuestion No : 199

Q.199 **Which of the following is stated as a fact in the passage?**

Ans ✗ A. Robots may soonrule theworld.
✗ B. Robots are only used in factories.
✗ C. Robots can feel emotions.
✓ D. The robotics industry could be worth $260 billion by 2030.

Question Type : **MCQ**
Question ID : **4410091136639**
Option 1 ID : **4410094481770**
Option 2 ID : **4410094481773**
Option 3 ID : **4410094481772**
Option 4 ID : **4410094481771**
Status : **Answered D**
Chosen Option :

Comprehension:

Read thefollowingpassage carefully and answer the questions given below.
Robotics is the field of designing, building, and using robots, combining computer science, engineering, and technology. Traditionally, robots were developed to handle simple, repetitive, or dangerous tasks that humans couldn’t perform safely. However, advances in artificial intelligence and machine learning are now enabling more complex human-to-robot interactions. The robotics industry is expected to grow rapidly, with projections estimating its value to reach $260 billion by 2030. A major part of this growth will come from professional service robots that assist humans in tasks like cleaning, delivery, and transportation, making robots a bigger part of everyday life.

SubQuestion No : 200

Q.200 **Select a suitable title for the passage from the given options.**

Ans ✗ A. Human WeaknessesinTechnology
✗ B. Dangers of Robots Replacing Humans
✓

✓ C. The Development and Future of Robotics

✗ D. The History of Artificial Intelligence

Question Type : **MCQ**
Question ID : **4410091136640**
Option 1 ID : **4410094481776**
Option 2 ID : **4410094481777**
Option 3 ID : **4410094481774**
Option 4 ID : **4410094481775**
Status : **Answered B**
Chosen Option :

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