

Question Paper Preview

Notations :

- 1.Options shown in **green** color and with  icon are correct.
- 2.Options shown in **red** color and with  icon are incorrect.

Question Paper Name :

ENVIRONMENTAL SCIENCES 12th Sep 2024
Shift 1

Subject Name :

ENVIRONMENTAL SCIENCES

Creation Date :

2024-09-12 14:02:35

Duration :

180

Total Marks :

300

Display Marks:

Yes

Change Font Color :

No

Change Background Color :

No

Change Theme :

No

Help Button :

No

Show Reports :

No

Show Progress Bar :

No

Group 1

Group Number :

1

Group Id :

265448114

Group Maximum Duration :

0

Group Minimum Duration :

180

Show Attended Group? :

No

Edit Attended Group? :

No

Break time :

0

Group Marks :

300

Paper I

Section Id :

265448227

Section Number :

1

Section type :

Online

Mandatory or Optional :

Mandatory

Number of Questions :

42

Number of Questions to be attempted :

42

Section Marks :	100
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	265448701
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 26544817199 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 2 Wrong Marks : 0

Which of the following is a characteristic of a good classroom environment?
ఈ దిగువ వానిలో ఏది ఉత్తమమైన తరగతి గది వాతవరణ లక్షణము?

Options :

1. ✖ Disruptive and chaotic
విఘాతం, గందరగోళం
2. ✔ Organized and supportive
వ్యవస్థీకృతం, మద్దతునిచ్చేది
3. ✖ Unstructured and confusing
నిర్మితిలేని, కలవరపరచు
4. ✖ Focused on punishment
శిక్షించడంపై దృష్టి ఉన్న

Question Number : 2 Question Id : 26544817200 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 2 Wrong Marks : 0

A learner with a strong visual learning style might benefit most from:
బలమైన దృశ్య అభ్యాస శైలి కల అభ్యాసకుడు దిగువ వానితో ఎక్కువ ప్రయోజనం
పొందవచ్చును

Options :

1. ✖ Extensive lectures and note-taking
విస్తృత ఉపన్యాసాలు, నోట్సు తీసుకొనుట
2. ✖

Group discussions and debates

సామూహిక చర్చలు, డిబేట్లతో

Diagrams, charts, and visual aids

రేఖా చిత్రాలు, పటాలు, దృశ్య సహాయకాలు

3. ✓

Kinesthetic activities and role-playing

కినెస్టిటిక్ చర్యలు, పాత్రా నిర్వహణ

4. ✖

Question Number : 3 Question Id : 26544817201 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

A noisy and disorganized classroom environment can hinder learning. This is a factor affecting teaching related to:

సందడితో, అస్తవ్యస్తమైన తరగతిగది పర్యావరణము అభ్యాసానికి అడ్డంకి ఇది ఈ దిగువ బోధనను ప్రభావితం చేయు అంశము:

Options :

The learner's age and cognitive development

అభ్యాసకుని వయస్సు, సంజ్ఞానాత్మక అభివృద్ధి

1. ✖

The quality of instructional materials

బోధనా పరికరముల నాణ్యత

2. ✖

The learning environment

అభ్యాస పర్యావరణము

3. ✓

The institution's admission policies

సంస్థ ప్రవేశ విధానాలు

4. ✖

Question Number : 4 Question Id : 26544817202 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

When comparing off-line and on-line teaching methods, a potential disadvantage of on-line learning might be:

ఆఫ్లైను, ఆన్లైన్ బోధనా పద్ధతులను పోల్చినప్పుడు, ఆన్లైన్ అభ్యాసం వలన కలిగే అవకాశమున్న ప్రతికూలత:

Options :

1. ✖ Increased student engagement and interaction
పెరిగిన విద్యార్థి ఎంగేజ్మెంటు, పరస్పర చర్య
2. ✔ Lack of access to technology and reliable internet
సాంకేతికతకు, నమ్మదగు ఇంటర్నెట్కు అవకాశం లేకుండుట
3. ✖ Emphasis on teacher-centered instruction
బోధక కేంద్రీకృత బోధనా ఉద్ఘాటన
4. ✖ Limited course options and flexibility
పరిమిత కోర్సు ఎంపికలు, సర్దుబాటుకు వీలు

Question Number : 5 Question Id : 26544817203 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

A potential disadvantage of relying solely on ICT-based teaching support systems could be:

ICT-ఆధారిత బోధనా మద్దతు పద్ధతిపై ఆధారపడుట వలన కలిగే అవకాశమున్న ప్రతికూలత

Options :

1. ✖ Increased student engagement and interactivity
పెరిగిన విద్యార్థి ఎంగేజ్మెంటు మరియు పరస్పర చర్య
2. ✔ Lack of access to technology and reliable internet for all students
అందరి విద్యార్థులకు విశ్వ సంపదగు ఇంటర్నెట్, సాంకేతికతకు దారిలేకపోవుట
3. ✖ Emphasis on traditional lecture-style teaching
సంప్రదాయ ఉపన్యాస శైలి బోధనా పద్ధతిపై ఉద్ఘాటన

- Limited options for assessment and evaluation
మదింపుకు, మూల్యాంకనకు పరిమిత అవకాశాలు
4. ✖

Question Number : 6 Question Id : 26544817204 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The post-positivist approach acknowledges the role of:
పోస్ట్ పాజిటివిస్ట్ దృక్పథము ఈ దిగువ వాటి పాత్రను గుర్తిస్తుంది:

Options :

- Only quantitative data and statistical analysis
పరిమాణ దత్తాంశము, గణాంక విశ్లేషణ మాత్రమే
1. ✖
- The researcher's subjectivity in shaping knowledge
విజ్ఞానాన్ని పొందుటలో పరిశోధకుని పాక్షికత
2. ✔
- Purely objective facts and observations
ఖచ్చితంగా నిష్పక్షపాత వాస్తవాలు, పరిశీలనలు
3. ✖
- Standardized testing methods only
ప్రామాణికం అయిన పరీక్ష పద్ధతులు మాత్రమే
4. ✖

Question Number : 7 Question Id : 26544817205 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The choice between a positivist or post-positivist approach depends on:
పాజిటివిస్ట్, పోస్ట్-పాజిటివిస్ట్ దృక్పథము మధ్య ఎంపిక దీనిపై ఆధారపడి ఉంటుంది:

Options :

- The researcher's personal preference only
పరిశోధకుని వ్యక్తిగత ప్రాధాన్యత మాత్రమే
1. ✖
- The specific research question and objectives
ప్రత్యేక పరిశోధనా ప్రశ్న దాని లక్ష్యాలు
2. ✔

3. ✖ The availability of funding and resources
అందుబాటులో ఉన్న నిధులు, వనరులు

4. ✖ The researcher's level of experience
పరిశోధకుని అనుభవ స్థాయి

Question Number : 8 Question Id : 26544817206 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Formulating a clear and focused research question is crucial in the step of:

ఈ దిగువ దశలో స్పష్ట, దృష్టి సారించు పరిశోధనా ప్రశ్నను తయారు చేయుట ముఖ్యము:

Options :

1. ✖ Selecting the research method
పరిశోధనా పద్ధతిని ఎంచుకొనుట

2. ✖ Reviewing existing literature
ప్రస్తుత సాహిత్యాన్ని సమీక్షించేటప్పుడు

3. ✔ Defining research objectives
పరిశోధనా లక్ష్యాలను నిర్వచించునపుడు

4. ✖ Data collection and analysis
దత్తాంశ సేకరణ, విశ్లేషణ జరిగేటప్పుడు

Question Number : 9 Question Id : 26544817207 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Drawing conclusions based on the analyzed data and addressing the research question occurs during the step of:

ఈ దశలో విశ్లేషించిన దత్తాంశం ఆధారంగా ముగింపులు, పరిశోధనా ప్రశ్నకు జవాబు ఇవ్వడం జరుగుతుంది :

Options :

1. ✖

Formulating the research hypothesis
పరిశోధనా పరికల్పన తయారుచేయుట

2. ✓ Interpreting the results
ఫలితాలను వివరణ చేయుట

3. ✗ Writing the research report
పరిశోధనా రిపోర్టును వ్రాయుట

4. ✗ Disseminating research findings
పరిశోధనా ఫలితాలను వ్యాప్తిచేయుట

Question Number : 10 Question Id : 26544817208 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

A properly formatted reference list should include:

సక్రమంగా తయారుచేసిన రిఫరెన్సు జాబితాలో ఇవి ఉండాలి

Options :

1. ✗ Only the most important or recent sources
చాలా ముఖ్యమైన తాజా మూలాలు మాత్రమే

2. ✓ All sources cited in the text, arranged alphabetically
టెక్స్ట్‌లో చూపించిన అన్ని మూలాలు , అక్షర క్రమములో అమర్చు

3. ✗ Sources listed in the order they appear in the text
టెక్స్ట్‌లో కనిపించిన విధంగా క్రమ పద్ధతిలో లిస్ట్ అయిన మూలాలు

4. ✗ A mix of both alphabetical and chronological order
అక్షర క్రమము, కాలక్రమముల మిశ్రమములో

Sub-Section Number :

2

Sub-Section Id :

265448702

Question Shuffling Allowed :

No

Question Id : 26544817209 Question Type : COMPREHENSION Sub Question Shuffling Allowed : No Group Comprehension Questions : No Question Pattern Type : NonMatrix

Question Numbers : (11 to 15)

Question Label : Comprehension

Note : Answer the questions 11-15 by reading the following passage:

గమనిక: క్రింద ఇవ్వబడిన సమాచారం ఆధారంగా 11-15 ప్రశ్నలకు సమాధానాలు వ్రాయండి.

A delightful stroll along the left bank of the stream for about two miles brought us to Roslin Castle, situated on a rocky promontory high above the river. At the point of the peninsula the river is narrowed by a large mass of reddish sandstone over which it falls. When flooded this becomes a beautiful cascade,—whence the name, “Ross,” a Gaelic word meaning promontory or jutting rock, and “Lyn,” a waterfall,—the “Rock of the Waterfall.” The Esk, where it forms the cascade, is still called “the Lynn.” The view from the promontory is one of the most delightful to be imagined. The banks are precipitous and covered with a luxurious growth of natural wood. The vale seems to be crowded with every possible combination of trees and cliffs, foliage and sparkling stream, that nature can put together to form a region of romantic suggestion.

ప్రవాహము వెంబడి ఎడమగట్టుపై రెండు మైళ్ళ సంతోషకర షికారు మమ్మల్ని రోజ్ లిన్ కోటకు చేర్చింది అది నదికి ఎత్తుగా శిలా ప్రహారితో ఉంది. దీప్వకల్పన వద్ద, పెద్ద ఎర్రటి ఇసుకరాయిపై పడుతూ అక్కడ సన్నబడిపోయింది దానికి వరదలు వచ్చినప్పుడు అది సుందరమైన సెలయేరుగా మారుతుంది. అందువలనే దాని పేరు “Ross” ఇది ఒక గెయిలిక్ పదము. దాని అర్థము లేదా ముందుకు వచ్చిన శిల. “లిన్” అంటే జలపాతము- జలపాతపు శిల. ఆ ఎస్క్ సెలయేరుగా మారు స్థలమును ఇప్పటికీ “లిన్” గా పిలుస్తారు. ఆ శిలా వీక్షణ ఊహించడానికి చాలా సుందరమైనది. ఆ గట్టు ఉదృతమైనది, సహజ కలపలతో నిండి ఉంటుంది. అలోయ దట్టంగా వీలగు చెట్లు, ఎక్కుటకు అసాధ్యమైన కొండల మిశ్రమంతో, పచ్చదనంతో, మెరిసే ప్రవాహంతో ఉంటుంది. దానిని ప్రకృతి అన్నిటినీ కలిపి శృంగార సూచనా ప్రాంతంగా ఏర్పరుస్తుంది.

Sub questions

Question Number : 11 Question Id : 26544817210 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Roslin Castle is located on a/an _____.
రోజ్ లిన్ కోటి ఉనికి _____.

Options :

Flat ground

సమతల భూమి

1. ✖

2. ✖

Valley
లోయ

3. ✓ Elevated rocky terrain
ఉన్నతమైన శిలా భాగము

4. ✗ Forest
అడవి

Question Number : 12 Question Id : 26544817211 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 2 Wrong Marks : 0

The phrase, "When flooded this becomes a beautiful cascade."The word 'cascade'
means, _____.

“వరదలు వచ్చినప్పుడు అది సుందరమైన cascade గా మారుతుంది” ఆ పదము
cascade అనగా:

Options :

1. ✗ River
నది

2. ✓ Waterfall
జలపాతము

3. ✗ Pool
కొలను

4. ✗ Lake
సరస్సు

Question Number : 13 Question Id : 26544817212 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 2 Wrong Marks : 0

The banks of the river are _____ and covered with rich vegetation.

ఆ నది గట్లు; వృక్ష సంపదలో కప్పబడి ఇలా ఉంటాయి.

Options :

1. ✓ Steep
నిటారుగా

2. ✗ Slippery
జారే

3. ✗ Mossy
నాచుతో

4. ✗ Rough
కఠినంగా

Question Number : 14 Question Id : 26544817213 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The castle derived its name from blending the two words _____.
castle అనే పదం _____ రెండు పేర్ల మిశ్రమంలో ఉద్భవించింది.

Options :

1. ✗ Rose and Lyn

2. ✗ Rosy and lyn

3. ✗ Ros and Lin

4. ✓ Ross and Lyn

Question Number : 15 Question Id : 26544817214 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

A visit to this region leaves a _____ impression.
ఆ ప్రాంత సందర్శన ఈ అనుభూతి కలిగిస్తుంది.

Options :

1. ✗

Dreadful
భయంకరమైన

2. ✓ Dreamy
స్వప్నంలా

3. ✗ Daunting
కష్టమైనదిగా

4. ✗ Dreary
నీరసమైనదిగా

Sub-Section Number :

3

Sub-Section Id :

265448703

Question Shuffling Allowed :

Yes

Question Number : 16 Question Id : 26544817215 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The study that deals with physical distance and its influence on human interaction and communication is called _____

భౌతిక దూరం, మానవ ఇంటరాక్షన్ వర్తమానం గురించి చదివేది :

Options :

1. ✗ Kinesics

2. ✓ Proxemics

3. ✗ Chronemics

4. ✗ Phonemics

Question Number : 17 Question Id : 26544817216 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

To avoid miscommunication in an intercultural conversation, one has to avoid being_____.

సంస్కృతుల మధ్య గల చర్చలలో సరైన వర్తమానం లేకుండా ఉండాటాన్ని లేకుండా చేయాలంటే ఒక వ్యక్తి _____గా ఉండటం చేయకూడదు.

Options :

1. ✖ Empathetic
జాలి కలిగి ఉండటం
2. ✖ Sympathetic
సానుభూతి కలిగి ఉండటం
3. ✔ Insensitive
సున్నితంగా ఉండకుండా ఉండటం
4. ✖ Sensitive
సున్నితంగా ఉండటం

Question Number : 18 Question Id : 26544817217 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

_____ from the teacher fosters motivation and academic accomplishment among the students.

ఉపాధ్యాయుని నుండి _____విద్యార్థులలో ప్రేరణ, అకడెమిక్ గా సాధించడం అభివృద్ధి చేస్తుంది

Note: For this question, discrepancy is found in question/answer. Full Marks is being awarded to all candidates.

Options :

1. Positive feedback
ధనాత్మక ఫీడ్ బ్యాక్
2. Monitoring
పర్యవేక్షణ

3. Tutoring
ట్యూటింగ్

4. Assignments
అసైన్మెంట్లు ఇవ్వడం

Question Number : 19 Question Id : 26544817218 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

In a conversation, use of inappropriate words lead to _____ barrier.

చర్చలో అభ్యంతరకరమైన మాటలు _____ అడ్డంకి కలుగ చేస్తుంది.

Options :

1. ✖ Physical
భౌతిక

2. ✖ Social
సామాజిక

3. ✖ Environment
పర్యావరణ

4. ✔ Linguistic
లింగ్వెస్టిక్

Question Number : 20 Question Id : 26544817219 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Magazines and periodicals are the examples of _____ media.

మ్యాగజైన్లు, వార పత్రికలు _____ మాధ్యమానికి ఉదాహరణలు.

Options :

1. ✖

2. ✓ Print
ముద్రించబడిన

3. ✗ Traditional
సాంప్రదాయక

4. ✗ Digital
డిజిటల్

Question Number : 21 Question Id : 26544817220 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 2 Wrong Marks : 0

Find the wrong number in the series 1850, 1050, 650, 400, 350, 300, 275
క్రమము: 1850, 1050, 650, 400, 350, 300, 275 లో తప్పు సంఖ్యను కనుగొనండి

Options :

1. ✗ 650

2. ✗ 350

3. ✓ 400

4. ✗ 275

Question Number : 22 Question Id : 26544817221 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 2 Wrong Marks : 0

A said pointing to a person, "He is the only brother of my father's mother's daughter"
How is the person related to A?

A ఒక వ్యక్తిని చూపిస్తూ ఇలా అన్నాడు, "అతను మా నాన్నగారి తల్లి కూతురికి ఏకైక
సోదరుడు" ఆ వ్యక్తి Aకి ఎలా సంబంధం కలిగి ఉన్నాడు?

Options :

1. ✖ Brother
సోదరుడు

2. ✔ Father
తండ్రి

3. ✖ Uncle
అంకుల్

4. ✖ Nephew
మేనల్లుడు

Question Number : 23 Question Id : 26544817222 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

A and B start from the same point simultaneously at speeds of 25 KMPH and 35 KMPH respectively. What will be the distance between them after 4 hours if they are moving in opposite directions?

A మరియు B ఒకే పాయింట్ నుండి ఏకకాలంలో 25 KMPH మరియు 35 KMPH

వేగంతో ప్రారంభమవుతారు. వారు వ్యతిరేక దిశల్లో కదులుతున్నట్లయితే 4 గంటల

తర్వాత వారి మధ్య దూరం ఎంత?

Options :

1. ✖ 220 km

2. ✔ 240 km

3. ✖ 250 km

4. ✖ 230 km

Question Number : 24 Question Id : 26544817223 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The average ages of the students of three colleges A, B, and C are 30, 25 and 15 years respectively. Find the weighted average age of the students in years if the ratio of the strengths of A, B, and C is 1:2:4

A, B మరియు C మూడు కళాశాలల విద్యార్థుల సగటు వయస్సు వరుసగా 30, 25 మరియు 15 సంవత్సరాలు. A, B మరియు C సంఖ్యల నిష్పత్తి 1:2:4 అయితే విద్యార్థుల సగటు వయస్సును సంవత్సరాలలో కనుగొనండి.

Options :

1. ✖ 35
2. ✖ 37
3. ✔ 20
4. ✖ 15

Question Number : 25 Question Id : 26544817224 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

A sold his vehicle at a loss of 9%. If he sold it for Rs. 75 more, he would have made a profit of 16%. What is the cost of the vehicle?

A తన వాహనాన్ని 9% నష్టానికి విక్రయించాడు. రూ. 75 ఎక్కువ కు, అమ్మితే అతను 16% లాభం పొంది ఉండేవాడు. వాహనం వ్యయం ఎంత?

Options :

1. ✖ 100
2. ✖ 120
3. ✖ 280
4. ✔ 300

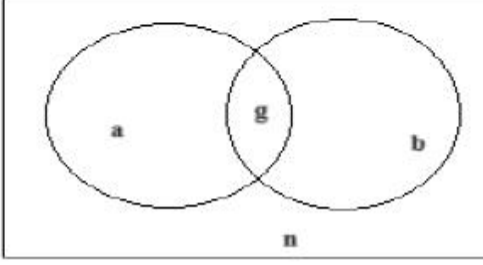
Question Number : 26 Question Id : 26544817225 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

In total 150 students $n=20$ is neither mathematics nor chemistry opted. The number of students passed in mathematics and chemistry are $a=40$ and $b=80$. The number of students opted both g is

మొత్తం 150 మంది విద్యార్థులలో $n=20$ అది గణితం గాని, కెమిస్ట్రీ గాని ఎన్నుకోని వారిని సూచిస్తుంది. గణితంలో, కెమిస్ట్రీలో ఉత్తీర్ణులైన వారి సంఖ్యలు $a=40$ and $b=80$

ఈ రెండు సబ్జెక్టులను ఎంచుకున్న (g) సంఖ్య ఎంత ?



Options :

1. ✓ 10
2. ✗ 20
3. ✗ 25
4. ✗ 30

Question Number : 27 Question Id : 26544817226 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Statements:

నివేదికలు:

All trees are green.

అన్ని చెట్లు ఆకుపచ్చనివి.

All green things are fresh.

అన్ని ఆకుపచ్చని వస్తువులు తాజావి.

No tomato is fresh.

ఏ టమాటో తాజా కాదు.

Conclusions:

ముగింపు అభిప్రాయము.

I. All trees are fresh.

అన్ని చెట్లు తాజా.

II. No tree is tomato.

ఏ చెట్టు టమాటో కాదు.

III. No tomato is green.

ఏ టమాటో ఆకుపచ్చనిది కాదు.

Options :

1. ✖ Only I and III follow.

2. ✖ Only II follows.

3. ✖ Only III follow.

4. ✔ I, II and III follows.

Question Number : 28 Question Id : 26544817227 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

An informed fallacy in which the conclusion of an argument is stated or assumed in any one of the premises is known as:

ఈ క్రింది వాటిలో ఒక తర్కం ఆధారంగా వాదనకు ముగింపును పేర్కొనటం లేక ఊహించటం చేసే భ్రమను ఈ విధంగా పరిగణించవచ్చు.

a. Begging the question

ప్రశ్నను వేయమని అర్థించడం

b. Circular argument

చక్రీయవాదన

c. Ignoratio elenchi

ఇగ్నోరేషియో ఎలెంచి

d. Petitio precept

పిటిటియో ప్రిసెప్ట్

Choose the correct option from the following:

సరియైన ఐచ్ఛికమును ఎంచుకొనుము:

Options :

1. ✓ a, b and d

2. ✗ c only

3. ✗ a and c

4. ✗ b, c and d

Question Number : 29 Question Id : 26544817228 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

"If it rains, then the drought will end. The drought has ended. Therefore, it rained".

Which kind of fallacy does this commit?

వర్షాలు కురిస్తే కరువు అంతం అవుతుంది. కరువు అంతమైంది అందువలన వర్షాలు కురిశాయి. ఇందులో ఉన్న భ్రాంతి రకమేది.

Options :

Inductive fallacy

1. ✗ అగమన భ్రాంతి

2. ✗

Abductive fallacy
అపహరణ భ్రాంతి

3. ✖ Informal fallacy
అనియత భ్రాంతి

4. ✔ Deductive fallacy
నిగమన భ్రాంతి

Question Number : 30 Question Id : 26544817229 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 2 Wrong Marks : 0

If the word 'LIBERAL' is coded as 'MJCFSBM' in a certain coded language then the word 'REDUCTION' coded in that language as
'LIBERAL'ను 'MJCFSBM' గా కోడింగుచేస్తే, 'REDUCTION' ను ఇలా కోడింగు చేస్తారు.

Options :

1. ✖ EDCTBSHNM

2. ✔ SFEVDUJPO

3. ✖ SFEVCTJPO

4. ✖ SFDUCTJPO

Sub-Section Number :

4

Sub-Section Id :

265448704

Question Shuffling Allowed :

No

Question Id : 26544817230 Question Type : COMPREHENSION Sub Question Shuffling Allowed : No Group Comprehension Questions : No Question Pattern Type : NonMatrix

Question Numbers : (31 to 35)

Question Label : Comprehension

Note: Answer the questions Q.31 to Q. 35 on the basis of the information given below.

గమనిక: క్రింద ఇవ్వబడిన సమాచారం ఆధారంగా Q.31 నుండి Q. 35 ప్రశ్నలకు సమాధానాలు వ్రాయండి.

The percentage of students passed in a scholarship exam conducted for students of class 6 to 10 in a district.

ఒక జిల్లాలో 6 నుండి 10 తరగతి విద్యార్థులకు స్కాలర్‌షిప్ పరీక్ష నిర్వహణలో ఉత్తీర్ణులైన విద్యార్థుల శాతం.

Class	No. of Failed	% of students Passed
6	145	80
7	174	70
8	147	65
9	144	55
10	165	70

Sub questions

Question Number : 31 Question Id : 26544817231 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

How many students from class 7 passed in the exam

ఎంత మంది విద్యార్థులు 7 తరగతి నుండి పరీక్షలో ఉత్తీర్ణులయ్యారు

Options :

1. ✖ 362

2. ✖ 384

3. ✔ 406

4. ✖ 249

Question Number : 32 Question Id : 26544817232 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The most number of students who wrote the exam are from class ____

పరీక్ష రాసిన వారిలో ఎక్కువ మంది విద్యార్థులు ఏ తరగతికి చెందినవారు

Options :

1. ✔ 6

2. ✖ 7

3. ✖ 8

4. ✖ 10

Question Number : 33 Question Id : 26544817233 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The number of students who failed in class 9 is what percentage less than that in class 10

9వ తరగతిలో ఫెయిల్ అయిన విద్యార్థుల సంఖ్య వద్దో తరగతి కంటే ఎంత శాతం తక్కువ

Options :

1. ✖ 10.8

2. ✔ 12.7

3. ✖ 14.1

4. ✖ 15.2

Question Number : 34 Question Id : 26544817234 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

What is the difference between the number of students from class 8 who wrote the exam and the number of students who passed the exam from class 7

8 తరగతి నుండి పరీక్ష రాసిన విద్యార్థుల సంఖ్య మరియు 7 తరగతి నుండి పరీక్షలో ఉత్తీర్ణులైన విద్యార్థుల సంఖ్య మధ్య తేడా ఏమిటి?

Options :

1. ✔ 14

2. ✖ 26

3. ✖ 62

4. ✖ 58

Question Number : 35 Question Id : 26544817235 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

What is the total number of students who wrote the exam in the district from all the given five classes?

జిల్లాలో మొత్తం ఐదు తరగతుల నుంచి పరీక్ష రాసిన విద్యార్థుల సంఖ్య ఎంత?

Options :

1. ✖ 2265

2. ✖ 2320

3. ✖ 2470

4. ✔ 2595

Sub-Section Number :

5

Sub-Section Id :

265448705

Question Shuffling Allowed :

Yes

Question Number : 36 Question Id : 26544817236 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

What is called the process of starting and restarting a computer?

కంప్యూటర్, ప్రారంభించుటకు, పునఃప్రారంభించుటకు జరిగే ప్రక్రియ ను ఈ విధంగా పిలుస్తారు

Options :

1. ✖ Bus

2. ✖ Cache

3. ✖ Bios

4. ✔ Boot

Question Number : 37 Question Id : 26544817237 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

One kilobyte is equal to.....

ఒక కిలో బైట్ అనగా

Options :

1. ✓ 1024 byte

2. ✗ 1000 byte

3. ✗ 512 byte

4. ✗ 64 byte

Question Number : 38 Question Id : 26544817238 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

What is called the key of the keyboard from F1 to F12?

F1 నుండి F12 వరకు కీబోర్డులో గల కీ లను ఇలా పిలుస్తారు?

Options :

1. ✗ Space Key

2. ✗ Special Key

3. ✗ Delete Key

4. ✓ Function Key

Question Number : 39 Question Id : 26544817239 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which scanner is used in the banking sector?

బాంకింగు రంగంలో ఉపయోగించు స్కానర్?

Options :

1. ✓ MICR

2. ✗ OCR

3. ✗ CAT

4. ✗ OMR

Question Number : 40 Question Id : 26544817240 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Encoding or scrambling data for transmission across a network is known as:

ఓ నెట్‌వర్క్ ద్వారా దత్తాంశాన్ని పంపించుటకు కోడింగు, స్క్రాంబుల్ చేయుట

Options :

1. ✗ Decryption

2. ✗ Protection

3. ✗ Detection

4. ✓ Encryption

Question Number : 41 Question Id : 26544817241 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The annual range of temperature in the interior of the continents is high compared to coastal areas. What is/are the reason(s)?
ఖండాల లోపల సాంవత్సరికి ఉష్ణోగ్రత వ్యాప్తి తీరప్రాంతాల కంటే ఎక్కువగా ఉంటుంది.
కారణాలు ఏమి ?

Options :

1. ✓ Thermal difference between land and water
భూమి, నీటి మధ్య ఉష్ణ వ్యత్యాసము
2. ✗ Variations in altitude between continents and oceans
ఖండాల, సముద్రాల మధ్య ఎత్తు తేడాలు
3. ✗ Presence of strong winds in the interior
లోపల గట్టి పవనాల ఉనికి
4. ✗ Heavy rains in the interior as compared to coastal region
తీర ప్రాంతాలకంటే, లోపల భారీ వర్షాలు

Question Number : 42 Question Id : 26544817242 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which of the following pollutant gases is not produced both naturally and as a result of industrial activity?

ఈ దిగువ కల్మష వాయువులలో ఏది సహజంగా కాని, పారిశ్రామిక చర్య వలన గాని ఉత్పత్తి కాదు

Options :

1. ✗ Nitrous oxide
2. ✗ Methane
3. ✗ Carbon dioxide
4. ✓ Chlorofluorocarbons

Question Number : 43 Question Id : 26544817243 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which of the following pollutants is the major cause of respiratory disease?

శ్వాస కోశ వ్యాధులకు ఈ దిగువ కల్మాషాలలో ఏది ముఖ్య కారణాలు

Options :

1. ✖ Nitrogen oxides
2. ✖ Carbon monoxide
3. ✔ Suspended fine particles
4. ✖ Volatile organic compounds

Question Number : 44 Question Id : 26544817244 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The dominant source of pollution due to oxides of nitrogen (NO_x) in urban areas is....

పట్టణ ప్రాంతాలలో నైట్రోజను ఆక్సైడుల వలన అధిక కల్మాష వనరు ఏది

Options :

1. ✖ Commercial sector
వాణిజ్య రంగము
2. ✔ Road transport
రోడ్డు రవాణా
3. ✖ Energy use in industry
పరిశ్రమలలో శక్తి వినియోగము
4. ✖

Question Number : 45 Question Id : 26544817245 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which of the following natural hazards is not hydro-meteorological?

ఈ దిగువ సహజ ప్రమాద కారకాలలో ఏది హైడ్రో - మెటిరియాలజికల్ కాదు ?

Options :

Snow avalanche

మంచు హిమపాతాలు

1. ✖

Sea erosion

సముద్రకోత

2. ✖

Tropical cyclone

ఉష్ణమండల తుఫాను

3. ✖

Tsunami

సునామి

4. ✔

Question Number : 46 Question Id : 26544817246 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which among the following is the Ancient University?

దిగువ వానిలో పురాతన విశ్వవిద్యాలయము ఏది?

Options :

Lalitgiri

1. ✖

Nalanda

2. ✔

3. ✖

4. ✖

Question Number : 47 Question Id : 26544817247 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Education as a subject of legislation figures in the.....

విద్య ఒక శాసన విషయంగా దిగువ వానిలో కనుపిస్తుంది

Options :

Union List

కేంద్ర జాబితా

1. ✖

State List

రాష్ట్ర జాబితా

2. ✖

Concurrent List

ఉమ్మడి జాబితా

3. ✔

Residuary Power

మిగిలిన పవరు

4. ✖

Question Number : 48 Question Id : 26544817248 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

According to W.H.O. waste generated from disposable items such as hand gloves, saline bottles etc. are disposed in _____ Tins .

W.H.O. ప్రకారము పునర్ వినియోగపరచలేని వస్తువులు, ఉదా., చేతితొడుగులు, సిలైన్ సీసాలు, మొ., ఏ రంగు డబ్బాలో పారెయ్యాలి.

Options :

Yellow

పసుపు

1. ✖

2. ✖ Blue
నీలం

3. ✔ Red
ఎరుపు

4. ✖ White
తెలుపు

Question Number : 49 Question Id : 26544817249 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

What is the primary focus of Education for Sustainable Development?
కొనసాగింపగలుగు ఆభివృద్ధికి విద్య యొక్క ప్రధాన దృష్టి ఏమిటంటే?

Options :

1. ✖ Teaching traditional ecological knowledge
సాంప్రదాయక పర్యావరణ విజ్ఞానాన్ని బోధించుట

2. ✖ Highlighting the importance of economic growth
ఆర్థికాభివృద్ధి ప్రాముఖ్యతను ప్రముఖంగా చూపుట

3. ✔ Equipping individuals to address social, economic, and environmental
Challenges
సామాజిక, ఆర్థిక, పర్యావరణ సవాళ్ళను ఎదుర్కొనుటకు ప్రజలను సన్నద్ధం చేయుట

4. ✖ Preparing students for traditional careers
విద్యార్థులను వృత్తిగత వృత్తులకు సన్నద్ధం చేయుట

Question Number : 50 Question Id : 26544817250 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

In order to be effective in influencing government policy, interest groups require.....

ప్రభుత్వ విధానాలను, సార్థకంగా ఉంచునట్లు ప్రభావితం చేయుటకు అసక్తి సముహాలకు ఇవి కావాలి.

Options :

1. ✓ Money and expertise
ధనము. అనుభవము
2. ✗ A large number of members
అధిక సంఖ్యలో సభ్యులు
3. ✗ A permanent headquarters
శాశ్వత ప్రధాన కార్యాలయము
4. ✓ Access to media outlets
మీడియా సంస్థల అందుబాటు

Note: For this question, ambiguity is found in question/answer. Candidate will get full marks for this question if any of the correct options are chosen.

Paper II

Section Id :	265448228
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	100
Number of Questions to be attempted :	100
Section Marks :	200
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	265448706
Question Shuffling Allowed :	Yes

Question Number : 51 Question Id : 26544817251 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 2 Wrong Marks : 0

Which state of India has recorded the highest number of Ramsar sites?

Options :

- 1. ✓ Tamil Nadu
- 2. ✗ Gujarat
- 3. ✗ Jammu and Kashmir
- 4. ✗ Assam

Question Number : 52 Question Id : 26544817252 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Consider the following statements:

- 1. 22nd April is celebrated as Earth Day every year.
- 2. The theme for Earth Day 2023 is Planet vs. Plastics.

Which of the above statements are correct?

Options :

- 1. ✗ 1 only
- 2. ✗ 2 only
- 3. ✓ Both 1 and 2
- 4. ✗ Neither 1 nor 2

Question Number : 53 Question Id : 26544817253 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The species named '*Syllipsimopodi bideni*' recently seen in the news is related to?

Options :

1. ✓ An oldest-known relative of octopus.
2. ✗ A new species of salamander.
3. ✗ A tiniest group of primates in the world.
4. ✗ A wasp species in the Andean cloud forests.

Question Number : 54 Question Id : 26544817254 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

According to the IUCN Red List, Asian elephants are classified as?

Options :

1. ✓ Endangered
2. ✗ Critically Endangered
3. ✗ Extinct in the Wild
4. ✗ Vulnerable

Question Number : 55 Question Id : 26544817255 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

Which of the following Wildlife Sanctuaries (WLS) is situated near the Hirakud dam?

Options :

1. ✖ Gahirmatha WLS
2. ✖ Nandankanan WLS
3. ✖ Baisipalli WLS
4. ✔ Debrigarh WLS

Question Number : 56 Question Id : 26544817256 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Tropical semi evergreen forests are found in the region having rainfall

Options :

1. ✖ > 3000 mm.
2. ✔ 2000 – 2500 mm.
3. ✖ 1200–2500 mm.
4. ✖ 800–1200 mm

Question Number : 57 Question Id : 26544817257 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which of the following flora and fauna shows the presence in Peninsular India that explained the Satpura hypothesis?

Options :

1. ✖ Chinese.

2. ✓ Malayan.

3. ✗ African.

4. ✗ Mediterranean.

Question Number : 58 Question Id : 26544817258 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The Ganga River Cleaning program has been collaborating with Germany. Germany has been known for cleaning which of its river?

I. Danube

II. Rur

III. Rhine

Options :

1. ✗ I only

2. ✗ II and II only

3. ✓ III only

4. ✗ I, II and III

Question Number : 59 Question Id : 26544817259 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Match the contaminant in Column – I with the disease in Column – II:

Column – I	Column – II
a. Mercury	i. Methamoglobinemia
b. Nitrate Nitrogen	ii. Itai Itai
c. Cadmium	iii. Silicosis
d. Coal	iv. Minamata

Codes

Options :

1. ✖ a-ii, b-iii, c-iv, d-i

2. ✖ a-iii, b-iv, c-ii, d-i

3. ✖ a-i, b-ii, c-iii, d-iii

4. ✔ a-iv, b-i, c-ii, d-iii

Question Number : 60 Question Id : 26544817260 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The most suitable range of wind speeds for wind power generation is

Options :

1. ✖ 1 – 5 m/s

2. ✔ 4 – 12 m/s

3. ✖ 10 – 20 m/s

4. ✖

20 – 50 m/s

Question Number : 61 Question Id : 26544817261 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which environmental legislation in India makes it mandatory to get the prior approval of the Central Government for diversion of forests lands for non-forestry purposes?

Options :

1. ✖ Indian Forest Act, 1927
2. ✖ Environmental (Protection) Act, 1986.
3. ✔ Forest Conservation Act, 1980
4. ✖ The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006

Question Number : 62 Question Id : 26544817262 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Celebration of 'International world water day' was recommended at the:

Options :

1. ✔ 1992, United Nations Conference on Environment and Development (UNCED) in Rio de Janeiro
2. ✖ 2002, Earth Summit
3. ✖ 2012, United Nations Conference on Sustainable Development (UNCSD) in Rio de Janeiro

1992, United Nations Conference on Sustainable Development (UNCSD) in Rio de Janeiro

4. ✖

Question Number : 63 Question Id : 26544817263 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Hoollongapar Gibbon Sanctuary, recently seen in the news, is located in which state?

Options :

1. ✖ Nagaland

2. ✖ Manipur

3. ✔ Assam

4. ✖ Mizoram

Question Number : 64 Question Id : 26544817264 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

What is the name of the campaign launched by Prime Minister on World Environment Day 2024?

Options :

1. ✔ Ek Ped Maa ke Naam

2. ✖ Vriksh ka Sanrakshad

3. ✖ Ghar Ghar Vriksh

4. ✖ Haryali

Question Number : 65 Question Id : 26544817265 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

What is the IUCN status of 'Iberian Lynx', recently seen in the news on 20th June, 2024?

Options :

1. ✓ Vulnerable
2. ✗ Endangered
3. ✗ Critically endangered
4. ✗ Least concern

Question Number : 66 Question Id : 26544817266 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

What does ITCZ stand for corresponding to global wind patterns?

Options :

1. ✗ Inner Tropospheric Convergence Zone
2. ✓ Inter Tropical Convergence Zone
3. ✗ Inner Tropical Continental Zone
4. ✗ Inter Tropical Continental Zone

Question Number : 67 Question Id : 26544817267 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which of the following is regarded as climate control factor(s)?

- I. A Latitude
- II. Elevation
- III. Ocean currents

Options :

- 1. ✖ I only
- 2. ✖ II and III only
- 3. ✖ I and III only
- 4. ✔ I , II and III

Question Number : 68 Question Id : 26544817268 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which type of clouds is found in the highest altitude of the Earth's atmosphere?

Options :

- 1. ✔ Noctilucent
- 2. ✖ Cirrostratus
- 3. ✖ Stratus
- 4. ✖ Cirrus

Question Number : 69 Question Id : 26544817269 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Name the organisms who can breed only once in its lifetime and then dies?

Options :

1. ✖ Dispersed
2. ✖ Clumped
3. ✖ Iteroparous
4. ✔ Semelparous

Question Number : 70 Question Id : 26544817270 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which of the following is inter-tidal zone between land and open sea?

Options :

1. ✖ Benthic zone
2. ✖ Pelagic zone
3. ✖ Neritic zone
4. ✔ Littoral

Question Number : 71 Question Id : 26544817271 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

What is the primary goal of 'Green India' mission?

Options :

- Enhancing forest cover
1. ✓
- Industrial growth
2. ✗
- Urban development
3. ✗
- Reducing water usage
4. ✗

Question Number : 72 Question Id : 26544817272 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Match List I with List II which contain water pollutants and their sources respectively

List I	List II
Water pollutants	Sources
a. Oxygen demanding wastes	i. Mine drainage
b. Plant nutrients	ii. Modern washing powders and agriculture run-off
c. Acids	iii. Waste incineration and toxic dumps
d. Polychlorinated biphenyls (PCBs)	iv. Paper mills and food processing units

Choose the correct answer from the options given below:

Options :

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

Question Number : 73 Question Id : 26544817273 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 2 Wrong Marks : 0

The term 'biodiversity' was coined in 1985 by

- I. A.E Haeckel
- II. E Odum
- III. Walter G Rosen

Options :

- 1. ✖ I only
- 2. ✖ I and II only
- 3. ✔ III only
- 4. ✖ II and III only

Question Number : 74 Question Id : 26544817274 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 2 Wrong Marks : 0

Taj Mahal is said to be suffering from “Marble Cancer”. What is Marble Cancer?

Options :

- 1. ✖ Brown Carbon
- 2. ✖ Air borne microbes
- 3. ✖ Large number of Fungi in Taj Mahal marbles
- 4. ✔ Acidic rain which corrodes marble

Question Number : 75 Question Id : 26544817275 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which of the following orders of basic processes are involved in succession?

Options :

1. ✖ Invasion -> stabilisation -> completion and coaction -> reaction -> nudation
2. ✖ nudation -> stabilisation -> completion and coaction -> invasion -> reaction
3. ✖ Invasion -> nudation -> completion and coaction -> reaction -> stabilisation
4. ✔ nudation -> invasion -> completion and coaction -> reaction -> stabilization

Question Number : 76 Question Id : 26544817276 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The report entitled "Our Common Future" was submitted in 1987 by:

Options :

1. ✔ Brundtland Commission
2. ✖ Food and Agricultural Organisation
3. ✖ Intergovernmental Panel on climate change
4. ✖ World Meteorological Organisation

Question Number : 77 Question Id : 26544817277 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Indian citizens to protect and improve the natural environment, including forests, lakes, rivers and wildlife are embodied in;

Options :

1. ✓ Article 51A
2. ✗ Article 48A
3. ✗ Article 49A
4. ✗ Article 48

Question Number : 78 Question Id : 26544817278 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which one of the following do not belong to Palaeozoic Era?

Options :

1. ✗ Cambrian
2. ✗ Carboniferous
3. ✓ Jurassic
4. ✗ Devonian

Question Number : 79 Question Id : 26544817279 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The warm water of the central Pacific Ocean slowly drifts towards the South American coast and replaces the cool Peruvian current. Such appearance of warm water off the coast of Peru is known as the -----.

Options :

1. ✓ El Nino

2. ✖ ENSO

3. ✖ La Nina

4. ✖ Southern oscillation (SO)

Question Number : 80 Question Id : 26544817280 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

The horizontal deflection effect caused by the Coriolis Force is

Options :

1. ✔ Greater near the pole

2. ✖ Greater near the equator

3. ✖ Equally Distributed all over the earth's surface

4. ✖ More near the surface of the earth and lesser above

Question Number : 81 Question Id : 26544817281 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

Name the instrument that is used to measure temperature, pressure as well as humidity at numerous altitudes within the atmosphere.

Options :

1. ✖ Altimeter

2. ✖

Barograph

3. ✓ Radiosonde
4. ✗ Aneroid Barometer

Question Number : 82 Question Id : 26544817282 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

What would "Agenda-21" mean?

- I. It's a Sustainable Development Goal Action Plan that is non-binding and implemented voluntarily.
- II. It's a climate change pact involving 20 poor countries throughout the world.
- III. It's a worldwide free trade pact including seven developed countries.

Options :

1. ✓ I only
2. ✗ II and III only
3. ✗ III only
4. ✗ I , II and III

Question Number : 83 Question Id : 26544817283 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which one of the following is the correct sequence of ecosystems in the order of decreasing productivity?

Options :

1. ✗ Oceans, lakes, grasslands mangroves
2. ✗

mangroves, oceans, grasslands, lakes

3. ✓ Mangroves, grasslands, lakes, oceans

4. ✗ Oceans, mangroves, lakes, grasslands

Question Number : 84 Question Id : 26544817284 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Time slot for measuring thermal inertia (TI) differences between land and water is :

Options :

1. ✗ 1000 hrs.

2. ✗ 1100 hrs.

3. ✗ 1200 hrs.

4. ✓ 1400 hrs.

Question Number : 85 Question Id : 26544817285 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Consider the following statements about the Lotka-Volterra Model:

- a. Both the populations of prey and predator oscillate sinusoidically.
- b. There is a phase difference of $\pi/2$ between the prey and predator populations.
- c. Populations of prey and predator are directly proportional, to each other
- d. Population of prey and predator are inversely proportional, to each other

Which of the above statements are correct?

Options :

1. ✓

(a) and (b) only

(a) and (c) only

2. ✖

(a) and (d) only

3. ✖

(b) and (d) only

4. ✖

Question Number : 86 Question Id : 26544817286 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

In the 2024 Environment Performance Index, which position did India secure among 180 countries?

Options :

1. ✔ 176th

2. ✖ 172nd

3. ✖ 177th

4. ✖ 180th

Question Number : 87 Question Id : 26544817287 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

How many Indian youths have been named recipients of the 2023 International Young Eco-Hero Award?

Options :

1. ✖ Three

2. ✔

Five

3. ✖ Eight

4. ✖ Ten

Question Number : 88 Question Id : 26544817288 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Consider the following statements:

- I. Carbon Debt is the quantity of carbon emissions released by an entity.
- II. A Carbon Credit is equivalent to one ton of carbon dioxide removed from the atmosphere.
- III. Emission Trading is permitted under the Kyoto Protocol.

Which of the statements given above are correct?

Options :

1. ✖ I and II only

2. ✔ II and III only

3. ✖ I and III only

4. ✖ I, II and III

Question Number : 89 Question Id : 26544817289 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

With reference to mangroves, consider the following statements:

- I. They prevent salinity and seawater ingress into the inland agricultural areas.
- II. Barnacles and crabs promote their growth by attaching themselves to the young seedlings.
- III. Growth of the shrimp sector in India has helped in their conservation.
- IV. State of West Bengal followed by Gujarat has the largest mangrove cover in India.

Which of the statements given above are correct?

Options :

- 1. ✓ I and IV only
- 2. ✗ II and III only
- 3. ✗ I, II and IV only
- 4. ✗ III and IV only

Question Number : 90 Question Id : 26544817290 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

With reference to freshwater ecology, which of the following are Lentic Ecosystems?

- I. Swamps
- II. Rivers
- III. Bogs
- IV. Springs
- V. Ponds

Select the correct answer using the code given below.

Options :

- 1. ✗ I, II and IV only
- 2. ✗ II and IV only
- 3. ✓ I, III and V only
- 4. ✗

I, II, III, IV and V

Question Number : 91 Question Id : 26544817291 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

What is the theme of COP-28?

Options :

- 1. ✖ Sustainable Development for All
- 2. ✖ Achieving Global Peace
- 3. ✔ Accelerating climate action for sustainable development
- 4. ✖ Innovation for a Better Marine life

Question Number : 92 Question Id : 26544817292 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Kunming Declaration recently seen in news is related to

Options :

- 1. ✖ Nuclear Disarmament
- 2. ✖ Prioritizing road safety
- 3. ✔ Biodiversity Conservation
- 4. ✖ Elimination and eradication of Malaria

Question Number : 93 Question Id : 26544817293 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 2 Wrong Marks : 0

Lignite, bituminous, sub-bituminous and anthracite are different ranks of:

Options :

1. ✖ Nuclear fuel
2. ✔ Coal
3. ✖ Natural gas
4. ✖ Biogas

Question Number : 94 Question Id : 26544817294 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 2 Wrong Marks : 0

Which among the following frequencies in microwave region of electromagnetic spectrum is better suited for determination of tree height?

Options :

1. ✖ C-band (4-8 GHz)
2. ✖ X-band (8-12.5 GHz)
3. ✔ P-band (0.3 - 1.0 GHz)
4. ✖ K-band (18 - 26.5 GHz)

Question Number : 95 Question Id : 26544817295 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 2 Wrong Marks : 0

Match the following and choose the correct option.

Column-I

Column-II

- | | |
|-------------------------------------|----------------------------|
| a. Pioneer community on lithosphere | i. lichens |
| b. Ecological succession | ii. Mesophytes |
| c. Climax community | iii. Ecosystem development |
| d. Ecological pyramid | iv. Upright |

Codes:

Options :

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

Question Number : 96 Question Id : 26544817296 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

The total number of Sustainable Development Goals (SDGs) announced by UN in 2015 are

Options :

1. ✖ 21
2. ✖ 15
3. ✔ 17
4. ✖ 19

Question Number : 97 Question Id : 26544817297 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 2 Wrong Marks : 0

The normal lapse rate in the atmosphere is

Options :

1. ✖ 9.76°C/km

2. ✖ 11.36°C/km

3. ✖ 10.56°C/km

4. ✔ 6.5°C/km

Question Number : 98 Question Id : 26544817298 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 2 Wrong Marks : 0

Match the following and then choose the correct option

Column-I

Column-II

a. Khasi and Jaintia hills Meghalaya

i. Advanced ex-situ conservation

b. Hotspot of India

ii. Species found in a particular area only

c. Endemism

iii. Sacred groove

d. Cryopreservation

iv. Western Ghats

Codes

Options :

1. ✔ a-iii, b-iv, c-ii, d-i

2. ✖ a-i, b-ii, c-iii, d-iv

3. ✖ a-ii, b-iii, c-iv, d-i

4. ✖ a-iv, b-ii, c-i, d-iii

Question Number : 99 Question Id : 26544817299 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The GOI-UNDT sea turtle project aims to:

Options :

1. ✖ Promote turtle hunting

2. ✖ Study turtle genetics

3. ✖ Develop sea turtle farming techniques

4. ✔ Conserve sea turtle populations and habitats

Question Number : 100 Question Id : 26544817300 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

In which of the following zones of biosphere reserve, the human activities are completely prohibited?

Options :

1. ✖ Transition Zone

2. ✖ Buffer Zone

3. ✔ Core Zone

Manipulation Zone

4. ✖

Question Number : 101 Question Id : 26544817301 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Species distributions responded individualistically to environmental factors, and communities were best regarded as artifacts of the juxtaposition of species distributions i.e., association is not an organism, scarcely even a vegetational unit, but merely a coincidence. This concept was proposed by:

Options :

1. ✔ Concept of Gleason
2. ✖ Clementsian concept
3. ✖ Raunkiaer concept
4. ✖ Henry Cowles

Question Number : 102 Question Id : 26544817302 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which of the following forests is known as the 'Lungs of the planet Earth'?

Options :

1. ✖ Taiga forest
2. ✖ Tundra forest
3. ✔ Amazon rain forest

4. ✖

Question Number : 103 Question Id : 26544817303 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

What is the primary difference at the molecular level between organically produced food and food produced using chemical fertilizers, considering that protein is the nutrient being consumed?

Options :

1. ✖ Organically produced food contains different amino acids compared to food produced using chemical fertilizers.

2. ✖ The protein content in organically produced food is significantly higher than in food produced using chemical fertilizers.

3. ✔ Organically produced food may have higher levels of antioxidants and micronutrients, even though the protein structure remains the same as food produced using chemical fertilizers.

4. ✖ Food produced using chemical fertilizers contains harmful chemicals within the protein molecules, which are absent in organically produced food.

Question Number : 104 Question Id : 26544817304 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which particulate size is most harmful?

Options :

1. ✖ 1.0 μ m or less

2. ✖ 1.5 μ m or less

3. ✓ 2.5µm or less

4. ✗ 5.2µm- 2.5µm.

Question Number : 105 Question Id : 26544817305 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which biome is characterized by low temperatures, little precipitation, and permafrost?

Options :

1. ✗ Tropical Rainforest

2. ✓ Tundra

3. ✗ Desert

4. ✗ Taiga

Question Number : 106 Question Id : 26544817306 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which of the following is an example of a keystone species?

Note: For this question, discrepancy is found in question/answer. Full Marks is being awarded to all candidates.

Options :

1. Tiger

2. Deer

3. Sea otter

4. Rabbit

Question Number : 107 Question Id : 26544817307 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

Which of the following describes the relationship where both interacting species benefit?

Options :

1. ✖ Parasitism

2. ✔ Mutualism

3. ✖ Commensalism

4. ✖ Predation

Question Number : 108 Question Id : 26544817308 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

Which factor primarily determines the distribution of terrestrial biomes?

- i. Precipitation
- ii. Temperature
- iii. Soil type
- iv. Wind patterns

Options :

1. ✔ i and ii

2. ✖ i and iii

3. ✖ iii and iv

4. ✖ iv only

Question Number : 109 Question Id : 26544817309 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Chemical weathering is more dominant in the areas of _____.

Options :

1. ✖ arid climate

2. ✔ humid climate

3. ✖ temperate climate

4. ✖ polar climate

Question Number : 110 Question Id : 26544817310 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which of the following is a mechanical weathering process?

Options :

1. ✖ Oxidation

2. ✖ Hydrolysis

3. ✔ Frost wedging

Carbonation

4. ✖

Question Number : 111 Question Id : 26544817311 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The distribution often used to model counts of rare events is:

Options :

1. ✖ Normal distribution

2. ✖ Log-normal distribution

3. ✔ Poisson distribution

4. ✖ Binomial distribution

Question Number : 112 Question Id : 26544817312 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The primary agent of erosion responsible for shaping deep valleys and canyons is:

Options :

1. ✖ Glaciers

2. ✖ Wind

3. ✔ Rivers

4. ✖ Waves

Question Number : 113 Question Id : 26544817313 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 2 Wrong Marks : 0

Match the following

List I
(Sphere of the Earth)

List II
(Main constituent of the sphere)

- | | |
|----------------|----------------------|
| a. Lithosphere | i. Living objects |
| b. Hydrosphere | ii. Mixture of gases |
| c. Atmosphere | iii. Water |
| d. Biosphere | iv. Soil |

Codes

Options :

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

Question Number : 114 Question Id : 26544817314 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 2 Wrong Marks : 0

Maximum concentration of hydroxyl radical in earth's atmosphere is observed at

Options :

1. ✓ the equator, in middle of troposphere
2. ✗ the poles, in middle of troposphere
3. ✗ the equatorial surface

4. ✖ the Tropic of Cancer

Question Number : 115 Question Id : 26544817315 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The Global Climate Strike, which took place from 20 September 2019 to 27 September 2019, was organized by:

Options :

1. ✖ Sunday for Future

2. ✔ Friday for Future

3. ✖ Tuesday for Future

4. ✖ Thursday for Future

Question Number : 116 Question Id : 26544817316 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Mean life of a radioactive sample is 100s. Then, its half-life is

Options :

1. ✔ 0.693

2. ✖ 1

3. ✖ 10-4

4. ✖ 1.155

Question Number : 117 Question Id : 26544817317 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Under which rule of Government, guidelines for solid waste management are followed today?

Options :

1. ✖ Municipal Solid Waste Rules, 2017
2. ✖ Municipal Solid Waste Rules, 2018
3. ✖ Solid Waste Rules, 2000
4. ✔ Solid Waste Management Rules, 2016

Question Number : 118 Question Id : 26544817318 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The volume of 0.1M KMnO_4 is needed to oxidise 100 mg of ferrous oxalate in acidic medium?

Options :

1. ✔ 4.17 mL
2. ✖ 3.21 mL
3. ✖ 5.00 mL
4. ✖ 5.6 mL

Question Number : 119 Question Id : 26544817319 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

LEED, one of the Sustainable Habitat green rating systems, refers to:

Options :

1. ✖ Leadership in Energy and Efficiency Design
2. ✖ Leadership in Energy and Efficiency Document
3. ✔ Leadership in Energy and Environment Design
4. ✖ Leadership in Energy and Environment Document

Question Number : 120 Question Id : 26544817320 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Match the following columns of protected animals with the national parks based on its endemicity and conservation.

Column-I (Protected Animals)	Column II (National Parks)
a. Lion	i. Kaziranga National park
b. Tiger	ii. Khangchendzonga National park
c. Snow Leopards	iii. Gir National park
d. Rhinos	iv. Bandipur national park

Codes :

Options :

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

Question Number : 121 Question Id : 26544817321 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

The primary radioactive nuclides released in the Fukushima Daiichi (Japan) nuclear disaster, were-

Options :

1. ✖ Fluorine & Calcium
2. ✖ Oxygen 18 & Barium 3
3. ✖ Iodine-131 & Chlorine 5
4. ✔ Iodine-131 & Cesium-137

Question Number : 122 Question Id : 26544817322 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

The average composition of Municipal solid waste is:

Options :

1. ✔ 41% organic, 40% inert & 19% recyclable
2. ✖ 20% organic, 60% inert & 20% recyclable
3. ✖ 30% organic, 20% inert & 50% recyclable
4. ✖ 19% organic, 41% inert & 40% recyclable

Question Number : 123 Question Id : 26544817323 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

Which soil order is associated with peat or muck and common in wetlands?

Options :

1. ✖ gelisols
2. ✔ histosols
3. ✖ entisols
4. ✖ mollisols

Question Number : 124 Question Id : 26544817324 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which one of the following bacterial species convert NO_2 to NO_3 ?

Options :

1. ✖ Nitrosomonas
2. ✔ Nitrobacter
3. ✖ Rhizobium
4. ✖ Azospirillum

Question Number : 125 Question Id : 26544817325 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

A wetland ecosystem has a very high Biological Oxygen Demand (BOD). Which of the follow statement about such a wetland is correct?

Options :

1. ✓ It has high level of microbial pollution.
2. ✗ It has very low level of microbial pollution.
3. ✗ There is no microbial pollution.
4. ✗ It is highly turbid.

Question Number : 126 Question Id : 26544817326 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

Which of the following is the major source of mercury pollution in India?

Options :

1. ✓ Coal based thermal power plants
2. ✗ Pesticides manufacturing
3. ✗ Dental amalgam fillings
4. ✗ Electrical and electronic gadgets

Question Number : 127 Question Id : 26544817327 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

What is the long form of FTIR spectroscopy?

Options :

1. ✓ Fourier Transform infrared spectroscopy

- 2. ✖ Fourier Transformation infrared spectroscopy
- 3. ✖ Fourier Transform infrared spectrometry
- 4. ✖ Fourier Transform infrared spectrophotometry

Question Number : 128 Question Id : 26544817328 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

A local population genetically, structurally and functionally adapted to its local environment is called

Options :

- 1. ✔ ecotype
- 2. ✖ ecophene
- 3. ✖ ecad
- 4. ✖ ecocline

Question Number : 129 Question Id : 26544817329 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

'Reed swamp stage' is also referred to as

Options :

- 1. ✖ submerged stage
- 2. ✖ woodland stage
- 3. ✖ rooted floated stage

4. ✓ amphibious stage

Question Number : 130 Question Id : 26544817330 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The first national park established in India is

Options :

1. ✗ Kaziranga National Park

2. ✓ The Jim Corbett National Park

3. ✗ Hazaribagh National Park

4. ✗ Gir National Park

Question Number : 131 Question Id : 26544817331 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which of the following is a nominal variable?

Options :

1. ✗ Level of rainfall (Mild, Moderate, Severe)

2. ✓ Dogs Breeds (German shepherd, Bulldog, Labrador)

3. ✗ Height of a tree

4. ✗ Socio-economic status (Low, Middle, High)

Question Number : 132 Question Id : 26544817332 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

A hypothesis, that predicts a linear relationship in which rate of ecosystem processes is maximum with greatest number of species, is known as...

Options :

1. ✓ Diversity-stability hypothesis.
2. ✗ Redundancy hypothesis.
3. ✗ Rivet-popper hypothesis.
4. ✗ Idiosyncratic hypothesis.

Question Number : 133 Question Id : 26544817333 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

Match the following columns of different parameters with method of detection.

Column I

Column II

- | | |
|---------------------|------------------------|
| a. Lead | i. Winkler Method |
| b. Dissolved oxygen | ii. Gravimetric Method |
| c. SO ₂ | iii. GC-MS |
| d. PAH | iv. West Gaeke Method |

Codes :

Options :

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

4. ✖ a-iv, b-ii, c-i, d-iii

Question Number : 134 Question Id : 26544817334 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Slip off slope" and "Under outside are associated with

Options :

1. ✖ Glacial terrace of glaciated region

2. ✖ Pedestal rock of wind

3. ✖ Weathering

4. ✔ Meandering of river

Question Number : 135 Question Id : 26544817335 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Match the name of scientists listed under column I with the ideas listed under column II

column I

column II

- | | |
|------------|-------------------------------------|
| a. Darwin | i. Use and disuse of organs |
| b. Oparin | ii. Continental drift theory |
| c. Lamarck | iii. Evolution by natural selection |
| d. Wagner | iv. Abiogenesis |

Codes :

Options :

1. ✔ a-iii, b-iv, c-i, d-ii

2. ✖ a-iv, b-ii, c-iii, d-i

3. ✖ a-ii, b-iii, c-iv, d-i

4. ✖ a-iv, b-ii, c-i, d-iii

Question Number : 136 Question Id : 26544817336 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Mahanadi river dispute is between

Options :

1. ✖ Karnataka-Tamil Nadu

2. ✖ Maharashtra-Karnataka

3. ✖ Chhattisgarh-Madhya Pradesh

4. ✔ Chhattisgarh-Odisha

Question Number : 137 Question Id : 26544817337 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Under the Air Act, 1981, which body is empowered to set standard for ambient air quality?

Options :

1. ✖ MOEFCC

2. ✖ Ministry of Home Affairs

3. ✔ Central Pollution Control Board (CPCB)

4. ✖

Question Number : 138 Question Id : 26544817338 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The rapid downslope movement of ice of snow is called as

Options :

1. ✖ Mudflow
2. ✖ Solifluction
3. ✖ Lahars
4. ✔ Avalanches

Question Number : 139 Question Id : 26544817339 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

'Red Data Book' is published by

Options :

1. ✔ IUCN
2. ✖ WWF
3. ✖ BNHS
4. ✖ Green Peace

Question Number : 140 Question Id : 26544817340 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Assertion(A) : Pyramid of energy may be upright or inverted.

Reason (R): Only 10% of energy goes to next Trophic level.

Read the Assertion (A) and Reason (R) carefully to mark the correct option out of the options given below.

Options :

1. ✖ Both A and R are true and R is the correct explanation of A
2. ✖ Both A and R are true, but R is not the correct explanation of A
3. ✖ A is true, but R is false
4. ✔ A is false, but R is true

Question Number : 141 Question Id : 26544817341 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

The term benthos refers to communities which grow attached

Options :

1. ✖ on the bark of trees
2. ✖ on submerged plants
3. ✔ at the bottom of a water body
4. ✖ on submerged woody roots

Question Number : 142 Question Id : 26544817342 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

A niche of the species where there is no competition from other species is called

Options :

1. ✖ hyper volume niche
2. ✖ habitat
3. ✔ fundamental niche
4. ✖ realized niche

Question Number : 143 Question Id : 26544817343 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

The change in species composition that is imposed by factors external to the biotic community is known as

Options :

1. ✖ Autogenic succession
2. ✔ Allogenic succession
3. ✖ Xerarch
4. ✖ Hydrarch

Question Number : 144 Question Id : 26544817344 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

The Vienna Convention is basically related to:

Options :

1. ✖ International trade in endangered species
2. ✔ Protection of O₃ layer
3. ✖ Biodiversity conservation
4. ✖ Preservation of cultural environment

Question Number : 145 Question Id : 26544817345 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

Which statistical test is appropriate for comparing means of two independent groups?

Options :

1. ✖ Chi-squared test
2. ✖ F-test
3. ✔ t-test
4. ✖ ANOVA

Question Number : 146 Question Id : 26544817346 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 2 Wrong Marks : 0

Wind rose represents statistical distribution of

Options :

1. ✓ Wind velocity in vector form
2. ✗ Wind speeds in scalar form
3. ✗ Wind speeds in a diagram
4. ✗ Wind speeds in the form of histograms

Question Number : 147 Question Id : 26544817347 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

Which one of the following has maximum destruction and removable efficiency?

Options :

1. ✓ Incineration
2. ✗ Biological Treatment
3. ✗ Chemical Treatment,
4. ✗ Landfill

Question Number : 148 Question Id : 26544817348 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 2 Wrong Marks : 0

What does the term 'MIKE' stands for?

- I. Monitoring of Illegal Killing of Elephants
- II. Monitoring of Illegal Killing of Eagles
- III. Monitoring of Illegal Killing of Endangered Species

Options :

- 1. ✓ I only
- 2. ✗ II only
- 3. ✗ II and III only
- 4. ✗ I, II and III

Question Number : 149 Question Id : 26544817349 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 2 Wrong Marks : 0

Which one of the following protozoan is related to water borne disease?

Options :

- 1. ✗ *Spumella sp.*
- 2. ✓ *Entamoeba histolytica*
- 3. ✗ *Paramoecium*
- 4. ✗ *Plasmodium vivax*

Question Number : 150 Question Id : 26544817350 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 2 Wrong Marks : 0

NEERI is situated at...

Options :

1. ✖ Bhopal
2. ✖ New Delhi
3. ✖ Baroda
4. ✔ Nagpur