



TS SET

Notations :

1.Options shown in green color and with  icon are correct.

2.Options shown in red color and with  icon are incorrect.

Subject Name :	LIFE SCIENCES
Duration :	180
Total Marks :	300
Display Marks:	Yes
Calculator :	None
Magnifying Glass Required? :	No
Ruler Required? :	No
Eraser Required? :	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required? :	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console?	Yes
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
Help Button :	No
Show Reports :	No
Show Progress Bar :	No

Teaching and Research Aptitude

Group Number :	1
Group Id :	270282207
Group Maximum Duration :	60
Group Minimum Duration :	60
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

Teaching and Research Aptitude

Section Id :	270282207
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	42
Number of Questions to be attempted :	42
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	2702821153
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 1 Question Id : 27028215724 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No
Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No
Correct Marks : 2 Wrong Marks : 0

Prior to teaching the teacher does
బోధనకు ముందు ఉపాధ్యాయుడు చేసేది

Options :

1. ✘ Identification of objectives
లక్ష్యాలను గుర్తించడం
2. ✘ Preparation of teaching lesson plan
బోధన పాఠ్య ప్రణాళికను తయారు చేసుకోవడం
3. ✘ Know the interests of the students
విద్యార్థుల ఆసక్తులను తెలుసుకోవడం
4. ✔ All of the above
పైవన్నీ

Question Number : 2 Question Id : 27028215725 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No
Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No
Correct Marks : 2 Wrong Marks : 0

Which of the following factors least contribute to effectiveness of teaching?
క్రింది వానిలో బోధనను ప్రభావవంతంగా ఉంచడానికి దోహదపడే కారకాల్లో అత్యల్ప ప్రాధాన్యత గలదేది?

Options :

1. ✘ Teacher's knowledge of the subject.
ఉపాధ్యాయుల విషయ పరిజ్ఞానము
2. ✘ Communication skills of the teacher.
ఉపాధ్యాయుల భావప్రసార నైపుణ్యాలు
3. ✔ Teacher's personal contacts with students.
విద్యార్థులతో ఉపాధ్యాయునికి గల వ్యక్తిగత సంబంధాలు
4. ✘ Teacher's competence in managing the classroom transactions
తరగతిగది నిర్వహణలో ఉపాధ్యాయుని సామర్థ్యాలు

Question Number : 3 Question Id : 27028215726 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No Correct Marks : 2 Wrong Marks : 0

Which of the following factors least affect teaching?
క్రింది వానిలో బోధనను అత్యల్పంగా ప్రభావితం చేసే కారకం ఏది?

Options :

1. ✘ Teacher's attitude towards teaching.
బోధనపట్ల ఉపాధ్యాయుని వైఖరి
2. ✔ Teacher's biographical data.
ఉపాధ్యాయుని జీవిత చరిత్రకు సంబంధించిన సమాచారం
3. ✘ Teacher's self efficacy.
ఉపాధ్యాయుని స్వయం ప్రభావశీలత

Teacher's skill in managing and monitoring.

4. ✖ నిర్వహణ మరియు పర్యవేక్షణలో ఉపాధ్యాయుని నైపుణ్యం

Question Number : 4 Question Id : 27028215727 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No Correct Marks : 2 Wrong Marks : 0

The best way for providing value education to students is through
విద్యార్థులకు విలువల విద్యను అందజేయడానికి అత్యంత మెరుగైన విధానం

Options :

1. ✖ Arranging lectures on values
విలువలపైన ఉపన్యాసాలు ఏర్పాటు చేయడం
2. ✖ Discussions on spiritual texts with the students
ఆధ్యాత్మిక గ్రంథాలపైన విద్యార్థులతో చర్చించడం
3. ✖ Organising Seminars on values related topics
విలువలకు సంబంధించిన అంశాలతో కూడిన సెమినార్లను నిర్వహించడం
4. ✔ Mentoring the students on values development
విలువల వికాసానికి విద్యార్థులకు సంరక్షక మార్గదర్శనం చేయడం

Question Number : 5 Question Id : 27028215728 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No

Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

The main purpose of formative evaluation is to
రూపణ మూల్యాంకనం యొక్క ముఖ్యోద్దేశ్యం

Options :

1. ✘ Grade students' learning outcomes.
విద్యార్థుల అభ్యసన ఫలితాలను గ్రేడింగ్ చేయడం
2. ✔ Accelerate students' learning performance.
విద్యార్థుల అభ్యసనా నిష్పాదనను వేగవంతం చేయడం
3. ✘ Check students' performance graph.
విద్యార్థుల నిష్పాద రేఖా చిత్రాన్ని పరీక్షించడం
4. ✘ Provide feedback to teacher effectiveness.
ఉపాధ్యాయుల సామర్థ్యాల ప్రభావితానికి పరిపుష్టినివ్వడం

Sub-Section Number : 2
Sub-Section Id : 2702821154
Question Shuffling Allowed : Yes
Is Section Default? : null

Question Number : 6 Question Id : 27028215729 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No
Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No
Correct Marks : 2 Wrong Marks : 0

The conclusions/findings of which type of research cannot be generalized to other
situations?

ఏ రకమైన పరిశోధనలోని ఫలితాలను ఇతర పరిస్థితులకు సాధారణీకరించడానికి వీలుకాదు

Options :

1. ✘ Casual Comparative Research
సాధారణ తులనాత్మక పరిశోధన

2. ✔ Historical Research
చారిత్రాత్మక పరిశోధన

3. ✘ Descriptive Research
వర్ణనాత్మకమైన పరిశోధన

4. ✘ Experimental Research
ప్రయోగాత్మక పరిశోధన

Question Number : 7 Question Id : 27028215730 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No Correct Marks : 2 Wrong Marks : 0

Which of the following statements is not true in the context of participatory research?

క్రింది ప్రతిపాదనలో భాగస్వామ్య పరిశోధన (Participatory) కి సంబంధించి సరియైనది కాదు

Options :

1. ✘ It recognizes knowledge as power.
ఇది జ్ఞానమే ఒక శక్తి అని గుర్తించును

2. ✘ It emphasises on people as experts.
ఇది ప్రజలే నిష్ణాతులని నొక్కి చెప్పును

3. ✘

It is a collective process of enquiry.

ఇది ఐక్యతతో కూడిన శోధనా ప్రక్రియ

Its sole purpose is production of knowledge.

4. ✓ దీని ముఖ్యమైన ప్రాధాన్యత జ్ఞానాన్ని ఉత్పత్తి చేయడం

Question Number : 8 Question Id : 27028215731 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No

Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

The head teacher of a school conducts an interview session of teachers and students with a view to explore the possibility of their enhanced participation in school discipline enhancement programmes. This endeavour may be related to which type of research?

ఒక ప్రధానోపాధ్యాయుడు పాఠశాలలో క్రమశిక్షణను సాధించడం, మరియు వివిధ కార్యక్రమాలను పెంపొందించే విషయమై ఉపాధ్యాయులతో, విద్యార్థులతో ముఖాముఖి (Interview) ను ఏర్పాటు చేయు ప్రయత్నాన్ని ఏ రకమైన పరిశోధనకు సంబంధించినదిగా చెప్పవచ్చును.

Options :

Evaluation Research

1. ✘ మూల్యాంకన పరిశోధన

Fundamental Research

2. ✘ ప్రాథమిక పరిశోధన

Action Research

3. ✓ చర్యాత్మక పరిశోధన

Applied Research

4. ✘ అనువర్తిత పరిశోధన

Question Number : 9 Question Id : 27028215732 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No Correct Marks : 2 Wrong Marks : 0

A detailed description of methodology of research is not required in పూర్తిస్థాయి పరిశోధన పద్ధతి క్రింది దానికి అవసరములేదు

Options :

1. ✖ Doctoral level Thesis
డాక్టరేట్ స్థాయి పరిశోధనా సైద్ధాంతిక గ్రంథం
2. ✖ Master level thesis
మాస్టర్ లెవెల్ పరిశోధనా సైద్ధాంతిక గ్రంథం
3. ✖ Post-graduate level dissertation
పి.జి.స్థాయి పరిశోధనా డిసెర్టేషన్
4. ✔ Conference Paper
సదస్సుకు సంబంధించిన పరిశోధనా పత్రం

Question Number : 10 Question Id : 27028215733 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No Correct Marks : 2 Wrong Marks : 0

From the following list of statements identify the set, which DOES NOT have negative implications for 'research ethics':

క్రిందనివ్వబడిన ప్రతిపాదనలలో ఏది 'పరిశోధనలో నైతికతకు' వ్యతిరేకమైనది కాదు

Options :

1. ✓ A researcher critically looks at the findings of another research.
ఒక పరిశోధకుడు ఇతర పరిశోధనా ఫలితాల్ని విమర్శనాత్మకంగా గమనించడం
2. ✘ Related studies are cited without proper references.
సరైన రెఫరెన్స్లు లేకుండా సంబంధిత అధ్యయనాలను సూచించడం
3. ✘ Conduct of practitioner is screened in terms of reported research evidences.
పరిశోధకుని సత్యీలతను పరిశోధనా నివేదిక ఋజువుల ఆధారంగా
4. ✘ Both policy making and policy implementing processes are regulated in terms of preliminary studies.
పాలసీలను తయారు చేయడం, అమలు చేయడం అనే ప్రక్రియ ఇంతకు ముందు చేసిన అధ్యయనాలను నియంత్రించడం ద్వారా

Sub-Section Number :

3

Sub-Section Id :

2702821155

Question Shuffling Allowed :

No

Is Section Default? :

null

Question Id : 27028215734 Question Type : COMPREHENSION Sub Question Shuffling Allowed : No Group Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Question Numbers : (11 to 15)

Question Label : Comprehension

Read the passage and answers the questions from 11 to 15:

We have achieved freedom. A country and a people that by every test are a unity have been arbitrarily divided. And the wound will take long to heal; for, as Mr. Nehru has sadly remarked, "division has taken place in the hearts of the people of India." But it is idle to brood over what has happened and foolish to get angry and cast about for scapegoats. Many think that there is bound to be a reunion when there has been time enough for people to reflect coolly on the disastrous consequences of this unnatural partition. The responsible leaders have shown a praiseworthy desire to conciliate the minorities and to reassure them. But so long as Lahore, Calcutta, and other big cities remain in the grip of madmen drunk with blood and the civil power stands helpless in the face of organised murder and loot, it is idle to expect the minority communities to be satisfied with verbal assurances however ample. From today the responsibility for ending this disgraceful state of affairs is solely ours. Neither the Government of India nor that of Pakistan must overlook the fact that our new-won freedom is itself gravely menaced by this chronic lawlessness.

We have won freedom. And the first thing our people must learn is that it is no picnic. They will have to gird their loins and work as they have never worked before. Any number of paper plans will not usher in the millennium if we go on interminably arguing their relative merits. The consensus of instructed opinion in the country is that our urgent need is to increase production. Dr. John Matthai argued that like all national movements for freedom ours too, has had to lean heavily on vested interests and the latter have taken the fullest advantage of this; and that a determined effort should now be made to shake off this strangle-hold and this could be done, and the energy released by the achievement of freedom could be best utilized by casting vested interests for the role of enemy as we cast British Imperialism for that role till the other day. Those who led the fight for freedom yesterday may themselves come to be regarded as vested interests by their self-styled successors of to-day who claim to lead the struggle for economic equality.

11 నుంచి 15 వరకు గల ప్రశ్నలకు సంబంధించిన పాఠ్యభాగము ఈ క్రింద ఇవ్వబడినది. దానితో పాటు 5 బహుళ ఐచ్ఛిక ప్రశ్నలు ఇవ్వబడినవి. సరైన జవాబు ఎంచుకొని రాయండి. మొము స్వేచ్ఛను సాధించాము. ఏ పరీక్ష ద్వారా అయిన ఐక్యత మరియు ప్రజల ఏకత్వం ఏకపక్షంగా విభజించబడినది. గాయం నయం కావడానికి సమయం పడుతుంది. నెహ్రూ విచారంతో పేర్కొన్నట్లు, ' భారత ప్రజల హృదయాలలో విభజన జరిగింది'. కాని జరిగిన దానిని గురించే ఆలోచిస్తూ, దానికి కారణమైన వారిని నిందిస్తూ కోపం తెచ్చుకోవడం మూర్ఖత్వమే అవుతుంది. ఈ అసహజమైన విభజన యొక్క ఫోరమైన పరిణామాలపై నెమ్మదిగా ప్రతిస్పందిస్తూ తగినంత సమయం ఉన్నప్పుడు, పునః కలియకకు అవకాశం ఉన్నట్లు చాలా మంది భావిస్తారు . భాద్యయిత నాయకులు మైనారిటీలను ఓదారుస్తూ వారికి భరోసా ఇవ్వటానికి ప్రశంసనీయమైన చొరవ చూపించారు. అయితే లాహోరు, కలకత్తా మరియు ఇతర పెద్ద నగరాలు రక్త దాహపు మత్తులో ఉండగా, సివిల్ అభికార వ్యవస్థీకృత హత్య మరియు దోపిడీలను నివారించడంలో నిస్సాహాయంగా నిలిచాయి. మైనారిటీ వర్గాలకు శభ్ హామీలు మాత్రమే ఉపశమనాన్ని ఇవ్వలేక పోయాయి. ఈ రోజు నుండి ఈ అవమానకరమైన పరిస్థితికి స్వస్థిపలికే భాద్యత మాది మాత్రమే. భారత దేశం లేదా పాకిస్తాన్ ప్రభుత్వాలు ఈ గూతన దీర్ఘకాల స్వాతంత్ర్యం మరియు అన్యాయం వల్ల తీవ్రంగా దెబ్బ తిన్నాయి అనే విషయాన్ని మరిచి పోవద్దు. మాకు స్వేచ్ఛ లభించింది. మా ప్రజలు తెలుసుకోవలసిన మొదటి విషయం ఏమిటంటే ఇది ఒక పిక్సిక్ కాదని. వారు తమ గడుము జరిగించి పని చేయడానికి ముందుకు రావాలి కాని జరిగిన దానిగురించి చల్లస్తూ సమయాన్ని వృధా చేయడం అవివేకం మరియు అకారణంగా ఇతరులను నిందించడం కాలాన్ని వృధా చేయడమే అవుతుంది. రానున్న శతాబ్ది కాలంలో కాగితాలపై ఎన్ని ప్రణాళికలు వేసుకున్నా, లభాలు మరియు లోసుగుల గురించిన చర్చ మాత్రమే ఒక దినా నిర్దేశం చేయలేదు. మేజారిటీ ప్రజల అభిప్రాయం ప్రకారం మన ప్రధానమైన అవసరం ఉత్పత్తిని పెంచడం. Dr. John Matthai వాదన ప్రకారం స్వేచ్ఛ కోసం అన్ని ఉద్యమాలమాదిరిగా స్వలాభాపేక్షతో పూర్తిగా సమాయానుకూలంగా స్వప్రయోజనాల కోసం ఉద్యమ కారులు ప్రయత్నించారు. ప్రస్తుతం ఒక నిర్ణయాత్మకమైన ప్రయత్నం ఆ దిశగా చేయవలసి ఉన్నది. అది సాధ్యమే. దీని వల్ల సాదించుకోన్న శక్తిని స్వలాభాపేక్ష కోసం ప్రాకులాడే వ్యక్తుల స్వప్రయోజనాలను నిరోధిస్తూ ప్రత్యేక పాత్రను పోషించాల్సి ఉంటుంది. నిన్న మొన్నటి వరకు బ్రిటీషు సామ్రాజ్య వాద శక్తుల్ని ఇలాగే ఎదుర్కొన్నాము. నిన్నటి వరకు స్వాతంత్ర్యం కోసం పొరాడినవారే స్వలాభాపేక్ష తో ప్రస్తుత స్వాభలంభన వారసులుగా ఆర్థిక సమానత్వం కోసం ముందు కు వస్తున్నారు.

Sub questions

Question Number : 11 Question Id : 27028215735 Question Type : MCQ Option Shuffling : No
 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
 Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
 Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
 No

Correct Marks : 2 Wrong Marks : 0

How was the country's freedom threatened?

దేశం యొక్క స్వేచ్ఛ ఎలా ప్రమాద స్థితిలో పడింది?

Options :

War

1. ✘ యుద్ధం

Partition

2. ✘ విభజన

Discrimination of human beings

3. ✔ మానవుల వివక్ష

Lack of independence

4. ✘ స్వాతంత్ర్యం లేకపోవడం

Question Number : 12 Question Id : 27028215736 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

Which one of the following is correct?

ఈ క్రింది వాటిలో సరైనది ఏది?

Options :

1. ✔

Dr. John Matthai critically said that all national movements for freedom depended on beneficial things.

డాక్టర్ జాన్ మత్తై విమర్శనాత్మకంగా స్వేచ్ఛ కోసం సాగిన అన్ని జాతీయ ఉద్యమాలు

లాభదాయకమైన విషయాలపై ఆధార పడ్డాయని డా. జాన్ మత్తై విమర్శనాత్మకంగా పేర్కొన్నారు.

Dr. John Matthai pointed out that all national movements for freedom depended on public revolt.

స్వాతంత్ర్యం కోసం జరిగిన అన్ని జాతీయ ఉద్యమాలు ప్రజా తిరుగుబాటుపై డా. జాన్ మత్తై ఆధార పడ్డాయని సూచించారు.

2. ✖

Dr. John Matthai mentioned that most of the national movements are started to receive independence but they became political movements.

డా. జాన్ మత్తై మాట్లాడుతూ చాలా జాతీయ ఉద్యమాలు స్వాతంత్ర్యం పొందడం కోసం ప్రారంభించబడ్డాయి. కాని అవి రాజకీయ ఉద్యమాలుగా మారాయి అని పేర్కొన్నారు.

3. ✖

Dr. John Matthai uttered clearly that no national movement is successful unless it has politics in it.

రాజకీయాలు లేకుంటే ఏ జాతీయ ఉద్యమం విజయవంతం కాదని స్పష్టంగా డాక్టర్ జాన్ మాట్తై చెప్పాడు.

4. ✖

Question Number : 13 Question Id : 27028215737 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

What is the main idea that expressed by Dr. John Matthai in the above paragraph?

పై పేరాలో డాక్టర్ జాన్ మాట్తై చెప్పిన ముఖ్యమైన ఆలోచన ఏమిటి?

Options :

It is about colonialism

1. ✘ ఇది వలసవాదానికి సంబంధించినది

It is about partition

2. ✘ ఇది విభజనకు సంబంధించినది.

It is about human values

3. ✘ ఇది మానవ విలువలకు సంబంధించినది

It is about imperialism

4. ✔ ఇది సామ్రాజ్య వాదానికి సంబంధించినది

**Question Number : 14 Question Id : 27028215738 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No**

Correct Marks : 2 Wrong Marks : 0

According to the writer, India and Pakistan partition is _____

రచయిత ప్రకారం, భారతదేశం మరియు పాకిస్తాన్ విభజన అనేది _____

Options :

Natural

1. ✘ సహజమైనది

Compulsory

తప్పనిసరైనది

2. ✘

Odd

అసహజమైనది

3. ✔

Inevitable

అనివార్యమైనది

4. ✘

Question Number : 15 Question Id : 27028215739 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

'The wound will take long to heal.' The word 'wound' represents _____

'గాయము నయం కావడానికి చాలా సమయం పడుతుంది.' ఈ వాక్యంలో 'గాయం'

అనే పదం తీసిని సూచిస్తుంది :

Options :

Deaths occur in World War II

1. ✘ రెండవ ప్రపంచ యుద్ధంలోని మరణాలను

Partition

విభజనను

2. ✔

3. ✘

Nehru's sign on papers of India and Pakistan division

భారతదేశం మరియు పాకిస్తాన్ విభజన పత్రాలపై నెహ్రూ సంతకాన్ని

Reunion of the two countries

రెండు దేశాల పునఃకలయికను

4. ✘

Sub-Section Number :	4
Sub-Section Id :	2702821156
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 16 Question Id : 27028215740 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

One of the following should be avoided for effective communication. Find it out?

క్రిందివాటిలో ఒకటి సమర్థవంతమైన సంభాషణకు దూరంగా ఉండాలి. దాన్ని కనుగొనండి?

Options :

Intercultural awareness

1. ✘ సంస్కృతుల మధ్య అవగాహన

Ambiguity

2. ✓ సందిగ్ధత

3. ✘

Appearance of speaker

వక్త యొక్క రూపం

Physical disabilities

4. ✖ శారీరక వైకల్యాలు

Question Number : 17 Question Id : 27028215741 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

Which of the following are the characteristic features of an effective classroom?

సమర్థవంతమైన తరగతికి ఉండవలసిన కొన్ని లక్షణాలేమిటి ?

1. Learning is student centered.
అభ్యసనము విద్యార్థి కేంద్రీకృతమై ఉంటుంది
2. Only teachers must be engaged.
ఉపాధ్యాయులు మాత్రమే పాల్గొనాలి
3. Instruction is varied.
భోధన వైవిధ్యంగా ఉంటుంది.
4. Learning is related to life.
నేర్చుకోవడం అనేది జీవితానికి సంబంధించినది
5. That which has a feedback.
దీనికి అభిప్రాయం ఉండేది
6. Students are engaged.
విద్యార్థులు పాల్గొనడం

Select the correct answer from the codes given below:

క్రింది ఇవ్వబడిన సంకేతం నుండి సరైన సమాధానం ఎంచుకోండి:

Options :

1. ✘ 1, 2, 3, 5

2. ✔ 1, 3, 4, 6

3. ✘ 1, 3, 5, 6

4. ✘ 1, 2, 4, 5

Question Number : 18 Question Id : 27028215742 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Which of the following is not true?

వీటిలో ఏది నిజం కాదు?

Options :

We can learn to become better communicators through enhancing self-awareness and self-knowledge

స్వీయ-అవగాహన మరియు స్వీయ-విజ్ఞానాన్ని పెంపొందించడం ద్వారా మనం ఉత్తమ సమాచార ప్రసారకర్తలు కావాలని నేర్చుకోవడం

1. ✘

The forms of non-verbal communication include facial expressions, eye contact, and personal appearance.

అశాబ్దిక సమాచార మార్పిడి యొక్క రూపాలు ముఖ కవళికలు, కంటి సంకేతాలు మరియు వ్యక్తిగత రూపాన్ని కలిగి ఉంటుంది

2. ✘

3.

Non-verbal cues are not different from culture to culture.

అశాబ్దిక సూచనలు ఒక సంస్కృతి నుండి మరో సంస్కృతికి భిన్నంగా లేకపోతాయి



Active listening skills can be used to develop awareness and monitor the non-verbal cues of others.

చురుకైన శ్రవణ నైపుణ్యాలు అవగాహన పెంపొందించడానికి మరియు ఇతరుల అశాబ్దిక సంకేతాలను పర్యవేక్షించడానికి ఉపయోగించుట.

4. ✘

Question Number : 19 Question Id : 27028215743 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Feedback is always appreciated. It motivates people to improve. The characteristics of effective feedback

అభిప్రాయం ఎల్లప్పుడూ ప్రశంసించబడుతుంది. ఇది ప్రజలను మెరుగుపరచడానికి ప్రోత్సహిస్తుంది. _____ సమర్థవంతమైన అభిప్రాయం యొక్క లక్షణం

Options :

It should be regular

1. ✘ ఇది క్రమంగా ఉండాలి

It should be non-reciprocal

2. ✘ ఇది పరస్పరం కానిదిగ ఉండాలి

It should include recommendations for improvement

3. ✘ ఇది మెరుగుదల కొరకు సిఫార్సులను కలిగి ఉండాలి

4. ✓ It should be based on information which is objective by first hand observation
ఇది ప్రాథమిక పరిశీలన చేత వచ్చిన విషయ నిష్ఠితో కూడిన సమాచారం పై ఆధార పడటం

Question Number : 20 Question Id : 27028215744 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Media is important because it is a

మీడియా ముఖ్యమైనది ఎందుకంటే మీడియా అనేది _____

Options :

1. ✘ Communicative source
సమాచార ప్రసార ఆధారము
2. ✘ Money earning machine
డబ్బు సంపాదించి పెట్టే యంత్రం
3. ✓ Benchmark to follow
ఒక స్థాయిని అనుసరించటం
4. ✘ Medium for politicizing
రాజకీయాలకు మాధ్యమం

Sub-Section Number :

5

Sub-Section Id :

2702821157

Question Shuffling Allowed :

Yes

Is Section Default? :

null

Question Number : 21 Question Id : 27028215745 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

A train crosses two persons who are cycling in the same direction in 12 and 18 seconds respectively. If the speeds of the two persons cycles are 9 and 18 kmph respectively, then the length of the train is (in meters)

ఒక రైలు, అదే దిశలో సైకిల్ పై వెళుతున్న ఇద్దరు వ్యక్తులను వరుసగా 12 మరియు 18 సెకన్ల సమయంలో దాటినది. ఇద్దరు వ్యక్తుల సైకిల్ వేగములు గంటకు కిలోమీటర్ల లో 9 మరియు 18 గా ఉన్నచో, అప్పుడు రైలు పొడవు (మీటర్లలో)

Options :

1. ✖ 18

2. ✖ 36

3. ✖ 54

4. ✔ 90

Question Number : 22 Question Id : 27028215746 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Two taps A and B can fill an empty tank independently in 2 and 3 hours respectively. If both the taps are opened simultaneously, then in how many minutes can they fill the tank?
రెండు ఖులాయిలు A మరియు B లు ఒక తొట్టిని వరుసగా 2 మరియు 3 గంటల్లో స్వతంత్రముగా నింపగలవు. ఒకేసారి రెండు ఖులాయిలు తెరిస్తే, ఆ తొట్టి ఎన్ని నిమిషాలలో నిండుతుంది?

Options :

1. ✘ 36

2. ✔ 72

3. ✘ 90

4. ✘ 120

Question Number : 23 Question Id : 27028215747 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

A person wants to buy 6 kg of tomatoes and 7 kg of potatoes, which together would cost Rs. 190. In the market as tomatoes were very good, then he decides to buy 2 kg more tomatoes and 6 kg less potatoes and spent only Rs. 170. Then the price of 1 kg of tomatoes is

ఒక వ్యక్తి 6 కిలోల టమోటాలను మరియు 7 కిలోల బంగాళాదుంపలను, రెండు కలిపి 190 రూపాయల ఖర్చుతో కొనుగోలు చేయాలని అనుకున్నాడు. మార్కెట్లో టమోటాలు చాలా బాగున్నాయి, అప్పుడు అతను టమోటాలు 2 కిలోలు ఎక్కువగా మరియు బంగాళాదుంపలు 6 కిలోలు తక్కువగా కొనుగోలు నిర్ణయించుకున్నాడు మరియు కొనుగోలుకు 170 రూపాయలు మాత్రమే ఖర్చు అయినది. 1 కిలో ధర టమోటాలు?

Options :

1. ✘ 10

2. ✖ 15

3. ✔ 20

4. ✖ 25

Question Number : 24 Question Id : 27028215748 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

A company gives a discount of 15% on the marked price and makes a profit of 19%. What percentage, did the product mark over the original price ?

ఒక సంస్థ గుర్తింపు ధరలో 15% డిస్కాంట్ ని ఇస్తుంది మరియు 19% లాభాన్ని పొందుతుంది. ఉత్పత్తి అసలు ధర మీద ఎంత శాతానికి ఎక్కువ గుర్తింపు ధర ఉంది ?

Options :

1. ✖ 15

2. ✖ 19

3. ✖ 34

4. ✔ 40

Question Number : 25 Question Id : 27028215749 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

In a certain language, if the word 'BASKET' is coded as 'UFLTBC', then the word 'SIMPLE' is coded as

ఒక నిర్దిష్ట భాషలో, 'BASKET' అనే పదం కోడ్ 'UFLTBC' అయితే, అప్పుడు ఆ భాషలో 'SIMPLE' అనే పదం కోడ్

Options :

1. ✘ FMQNJG

2. ✘ MFNQJT

3. ✔ FMQNJT

4. ✘ FMQGNJ

Sub-Section Number : 6

Sub-Section Id : 2702821158

Question Shuffling Allowed : Yes

Is Section Default? : null

Question Number : 26 Question Id : 27028215750 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Missing group of letters in the following is
కింది క్రమంలో లోపించిన అక్షరాల సమూహం

AZBY : CXDW :: EVFU: ____

Options :

1. ✘ TGSH

2. ✘ GSTH

3. ✘ GHTS

4. ✔ GTHS

Question Number : 27 Question Id : 27028215751 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

The missing number in the sequence: 7, 20, 47, 94, 167, _____ is
అనుక్రమంలో లోపించిన సంఖ్య: 7, 20, 47, 94, 167, _____ .

Options :

1. ✘ 216

2. ✔ 272

3. ✘ 226

Question Number : 28 Question Id : 27028215752 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

The odd one among the following letters is
కింది వానిలో నున్న, ఒక సరిపోలని అక్షరా లు

Options :

1. ✓ DU

2. ✖ AZ

3. ✖ CX

4. ✖ BY

Question Number : 29 Question Id : 27028215753 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

In a class of 280 students, 210 students passed in Chemistry and 220 students failed in Mathematics. 40 students failed in both the subjects. Then how many students in the class failed only in chemistry?

ఒక తరగతిలో నున్న 280 మంది విద్యార్థులలో, 210 మంది రసాయన శాస్త్రములో ఉత్తీర్ణత సాధించారు, మరియు 220 మంది విద్యార్థులు గణితశాస్త్రంలో విఫలమయ్యారు. 40 మంది విద్యార్థులు రెండింటిలోను విఫలమయ్యారు. అప్పుడు తరగతిలో నున్న విద్యార్థులలో రసాయనశాస్త్రములో మాత్రమే విఫలమైన వారు ఎందరు?

Options :

1. ✘ 40

2. ✔ 30

3. ✘ 20.

4. ✘ 50

Question Number : 30 Question Id : 27028215754 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

How is A's mothers fathers son related to A's father.

A యొక్క తల్లికి తండ్రి యొక్క కొడుకు, A యొక్క తండ్రికి ఏమౌతాడు.

Options :

1. ✘ Brother సోదరుడు

2. ✘ Uncle మామ

3. ✓ Brother in law బావ / బావమరిది

Father

4. ✘ తండ్రి

Sub-Section Number : 7
Sub-Section Id : 2702821159
Question Shuffling Allowed : No
Is Section Default? : null

Question Id : 27028215755 Question Type : COMPREHENSION Sub Question Shuffling Allowed : No Group Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No
Question Numbers : (31 to 35)
Question Label : Comprehension

Note: The questions Q. 31 to Q. 35 are based on the following information.

గమనిక: ప్రశ్నలు Q. 31 నుండి Q. 35 వరకు, కింది సమాచారం ఆధారంగా ఉన్నాయి.

In India, the total number of color televisions sold by different companies in the year 2015 and 2016 were 45 and 55 lakhs respectively. The percentage of different companies sold is presented in the table.

భారతదేశంలో 2015 మరియు 2016 సంవత్సరాల్లో వివిధ సంస్థలు వరుసగా 45, 55 లక్షల రంగు టెలివిజన్లను విక్రయించెను. వివిధ సంస్థలు విక్రయించిన శాతం పట్టికలో ఇవ్వబడింది.

Company of Color Television రంగు టెలివిజన్లయొక్క సంస్థలు	2015 (in percentages శాతములలో)	2016 (in percentages శాతములలో)
Videocon వీడియోకాన్	21	22
Samsung శాంసంగ్	18	20
L. G. ఎల్ జీ	14	15
Onida ఒనిడా	13	10
Phillips ఫిలిప్స్	11	7
BPL బీపీల్	10	8
Aiwa ఐవా	6	6
Other companies ఇతరములు	7	12

Sub questions

Question Number : 31 Question Id : 27028215756 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

Which company has maximum increase in the number of units sold in 2016 when compared with 2015?

2015తో పోలిస్తే, 2016లోని విక్రయములో, ఏ సంస్థ యొక్క యూనిట్ల సంఖ్య అత్యధికంగా పెరిగింది?

Options :

1. ✖ vedeocon వీడియోకాన్

2. ✘ L G ఎల్ జీ

3. ✔ Samsung శాంసంగ్

4. ✘ Others ఇతరములు

Question Number : 32 Question Id : 27028215757 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

The percentage of units sold by Videocon, out of sold units in the two years together is
రెండు సంవత్సరాలలో విక్రయించిన మొత్తం యూనిట్లలో, వీడియోకాన్ విక్రయించినది ఎంత
శాతం యూనిట్లు?

Options :

1. ✘ 21.00

2. ✘ 21.50

3. ✔ 21.55

4. ✘ 22.00

Question Number : 33 Question Id : 27028215758 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

The number of units sold (in lakhs) by others is increased in 2016 compared with 2015 is
2015 తో పోలిస్తే 2016 లో, ఇతరులచే విక్రయింపగా పెరిగిన యూనిట్ల సంఖ్య. (లక్షలలో)

Options :

1. ✘ 3.15

2. ✔ 3.45

3. ✘ 6.60

4. ✘ 9.75

Question Number : 34 Question Id : 27028215759 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

The number of units of Phillips sold in 2016 compared with 2015, the number of units sold decreased is

2015 తో పోలిస్తే, ఫిలిప్స్ విక్రయించిన యూనిట్ల సంఖ్య 2016 లో, విక్రయములో తగ్గిన యూనిట్ల సంఖ్య (లక్షలలో)

Options :

1. ✘ 0.1

2. ✘ 0.35

3. ✘ 1.0

4. ✔ 1.1

Question Number : 35 Question Id : 27028215760 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

The percentage of units sold by Onida, in the two years together is
రెండు సంవత్సరాలలో కలిపి వీడియోకాన్ విక్రయించిన మొత్తం యూనిట్ల శాతం

Options :

1. ✘ 0.35

2. ✔ 11.35

3. ✘ 5.5

4. ✘ 5.85

Sub-Section Number : 8

Sub-Section Id : 2702821160

Question Shuffling Allowed : Yes

Is Section Default? : null

Question Number : 36 Question Id : 27028215761 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

DOS stands for
DOS అంటే

Options :

1. ✓ Disk Operating System
డిస్క్ ఆపరేటింగ్ సిస్టమ్

2. ✘ Disk operating session
డిస్క్ ఆపరేటింగ్ సెషన్

3. ✘ Digital Operating System
డిజిటల్ ఆపరేటింగ్ సిస్టమ్

4. ✘ Digital Open system
డిజిటల్ ఒపెన్ సిస్టమ్

Question Number : 37 Question Id : 27028215762 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

The term used to describe all physical components of a computer is;
కంప్యూటర్లోని భౌతిక భాగాలను వివరించడానికి వాడే పదం.

Options :

1. ✘ Software
సాఫ్ట్‌వేర్
2. ✘ Shareware
షేర్‌వేర్
3. ✔ Hardware
హార్డ్‌వేర్
4. ✘ Firmware
ఫర్మ్‌వేర్

Question Number : 38 Question Id : 27028215763 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

In Internet terminology, what does the acronym WYSIWYG stand for?

ఇంటర్నెట్ సాంకేతికతలో సంక్షిప్త పదం WYSIWYG దేన్ని సూచిస్తుంది

Options :

1. ✘ Why You Saw Is What You Got
2. ✔ What You See Is What You Get
3. ✘ Where You See Is Where You Got

4. ✘ What You See Is What You Got

Question Number : 39 Question Id : 27028215764 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

The program used to prevent unauthorized user on internet from reading files in a LAN is

అనుమతి లేని వాడకందార్లు ఇంటర్ నెట్ ద్వారా LANలో ఫైల్స్ చదవడాన్ని అరికట్టే సాఫ్ట్‌వేర్

Options :

1. ✔ Firewall
ఫైర్ వాల్

2. ✘ Brickwall
బ్రిక్‌వాల్

3. ✘ Telewall
టెలివాల్

4. ✘ Cold wall
కోల్డ్ వాల్

Question Number : 40 Question Id : 27028215765 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

The expansion of abbreviation MOOC is
MOOC అంటే

Options :

1. ✓ Massive Open Online Course
2. ✘ Massive online open College
3. ✘ Management open online course
4. ✘ Management online open college

Sub-Section Number : 9
Sub-Section Id : 2702821161
Question Shuffling Allowed : Yes
Is Section Default? : null

Question Number : 41 Question Id : 27028215766 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

How much total solar energy that is reaching earth is used in the evaporation of water on earth to join in hydrological cycle?

నీటి చక్రంలో పాల్గొనటకు, భూమికి చేరే ఎంత సూర్యశక్తి భూమి మీద నీటిని ఆవిరి చేయుటకు కావలెను?

Options :

1. ✓ 1/4
2. ✘ 1/3

3. ✘ $\frac{1}{2}$

4. ✘ $\frac{1}{8}$

Question Number : 42 Question Id : 27028215767 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

In which country, the Sihwa Lake Tidal Power station is present ?
ఏ దేశంలో షిహ్వా సరస్సు టైడల్ పవర్ స్టేషన్ కలదు?

Options :

China
1. ✘ చైనా

Canada
2. ✘ కెనడా

South America
3. ✘ దక్షిణ అమెరికా

South Korea
4. ✔ దక్షిణ కొరియా

Question Number : 43 Question Id : 27028215768 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

The main cells that get effected by HIV are
HIV వల్ల ప్రభావం చెందే ముఖ్య కణాలు

Options :

1. ✓ WBC
డబ్ల్యుబీసి
2. ✗ RBC
ఆర్బీసి
3. ✗ Hepatocytes
కాలేయకణాలు
4. ✗ Neurons
నాడీ కణాలు

Question Number : 44 Question Id : 27028215769 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Lignite is a variety of
లిగ్నైట్ ఒక రకమైన

Options :

1. ✗ Renewable resource
పునరుత్పాదన వనరు

2. ✘ Crude oil
ముడి చమురు

3. ✔ Brown coal
గోధుమ బొగ్గు

4. ✘ Combustible gaseous mixture
మండు స్వభావము కల వాయు మిశ్రమము

Question Number : 45 Question Id : 27028215770 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Ozone trends panel was set up by
ఓజోన్ క్రమాన్ని నిర్ధారణచేయు సంఘమును వీరు స్థాపించారు.

1. NASA
2. WMD
3. SHAR
4. UNEP

Options :

1. ✘ 1

2. ✘ 4

3. ✔ 1, 2, 4

4. ✘ 1, 2, 3

Sub-Section Number : 10
Sub-Section Id : 2702821162
Question Shuffling Allowed : Yes
Is Section Default? : null

Question Number : 46 Question Id : 27028215771 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

UGC has allowed students to do Diploma or Certificate Courses side by side with degrees to :

విద్యార్థులు డిగ్రీతోపాటు డిప్లమా లేక సర్టిఫికేట్ కోర్సులను చేయడానికి UGC అనుమతించడానికి కారణం.

Options :

1. ✘ Increase income of Universities and colleges
విశ్వవిద్యాలయాల మరియు కళాశాలల ఆదాయాన్ని పెంచడం
2. ✘ Provide sufficient workload to the teaching staff
బోధనా సిబ్బందికి తగినంత పనికల్పించడం
3. ✘ Utilise human and non-human resources maximum
మానవ మరియు మానవేతర వనరులను పూర్తి స్థాయిలో వినియోగించడం
4. ✔ To empower students to take up work after their degree courses
డిగ్రీ పూర్తిచేసిన తర్వాత విద్యార్థులు పనిచేయగలిగే సామర్థ్యాన్ని పెంచడం

Question Number : 47 Question Id : 27028215772 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Which of the following organizations deal with "capacity building programme" on
Educational Planning?

విద్యాప్రణాళికకు సంబంధించిన "సామర్థ్యాల నిర్మాణ కార్యక్రమాలను" నిర్వహించే సంస్థ ఏది?

Options :

1. ✘ NCERT
ఎన్.సి.ఇ.ఆర్.టి

2. ✘ UGC
యు.జి.సి

3. ✘ NAAC
న్యాక్

4. ✔ NUEPA
న్యూపా

Question Number : 48 Question Id : 27028215773 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

The purpose of value education is best served by focusing on
క్రింది దానిపై కేంద్రీకరించడం ద్వారా విలువల విద్య ఉద్దేశ్యం మెరుగ్గా సాధించబడును

Options :

1. ✘ Cultural practices prevailing in the society.
సమాజంలో ఉన్న సాంస్కృతిక ఆచారాలు
2. ✘ Norms of conduct laid down by a social group.
ఒక సామాజిక వర్గం నిర్దేశించిన ప్రవర్తనా ప్రమాణాలు
3. ✔ Concern for human values.
మానవ విలువల పట్ల శ్రద్ధ
4. ✘ Religious and moral practices and instructions.
మతపరమైన మరియు నైతిక ఆచారాల బోధన

Question Number : 49 Question Id : 27028215774 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

A Central University is setup by an act of
కేంద్రీయ విశ్వవిద్యాలయం క్రింది చట్టం ద్వారా స్థాపించబడింది

Options :

1. ✔ The Parliament
పార్లమెంట్
2. ✘ The Legislative Assembly
శాసనసభ
3. ✘

The UGC

యు.జి.సి.

The MHRD Department

4. ✖ ఎమ్. హెచ్.ఆర్. డి. డిపార్ట్‌మెంట్ (మానవ వనరుల మంత్రిత్వశాఖ విభాగము)

Question Number : 50 Question Id : 27028215775 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

Which of the following is the most important in higher education?

ఉన్నత విద్యలో అంత్యంత ప్రధానమైనది క్రింది వానిలో ఏది?

Options :

1. ✖ Teaching what is being tested
పరీక్షించిన అంశాలను బోధించడం

2. ✖ Testing what is being taught
బోధించిన అంశాలను పరీక్షించడం

3. ✖ Promoting students achievement in academics
పాఠ్యాంశాల్లో విద్యార్థుల సాధనను పెంపొందించడం

4. ✔ Encouraging learning to learn
అభ్యసించాల్సిన నైపుణ్యాలను అభ్యసించేందుకు ప్రోత్సహించటం

LIFE SCIENCES

Group Number :	2
Group Id :	270282208
Group Maximum Duration :	120
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	200
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

LIFE SCIENCES

Section Id :	270282208
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	100
Number of Questions to be attempted :	100
Section Marks :	200
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	2702821163
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 51 Question Id : 27028215776 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

In the process of the reverse transcription ...

Options :

1. ✘ mRNA is synthesized from DNA
2. ✘ DNA is synthesized from DNA
3. ✔ DNA is synthesized from mRNA
4. ✘ Proteins are formed from mRNA

Question Number : 52 Question Id : 27028215777 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Which one of the following amino acids has a pKa value near physiological pH?

Options :

1. ✔ Histidine
2. ✘ Arginine

3. ✘ Lysine

4. ✘ Serine

Question Number : 53 Question Id : 27028215778 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Glucose residues in amylose are linked by..

Options :

1. ✘ $\beta 1 \rightarrow 6$

2. ✔ $\alpha 1 \rightarrow 4$

3. ✘ $\alpha 1 \rightarrow 6$

4. ✘ $\beta 1 \rightarrow 4$

Question Number : 54 Question Id : 27028215779 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Glucose is converted to mannose by ..

Options :

1. ✘ anomerization
2. ✔ epimerization
3. ✘ Racemisation
4. ✘ none of the above

Question Number : 55 Question Id : 27028215780 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Vitamin- D is derived from which of the following precursor by the action of UV light.

Options :

1. ✘ Lanosterol
2. ✘ Dextrose
3. ✘ Glycocholate
4. ✔ 7- Dehydrocholesterol

Question Number : 56 Question Id : 27028215781 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Which of the following amino acids is considered both ketogenic and glucogenic?

Options :

1. ✘ Alanine
2. ✘ Proline
3. ✔ Tyrosine
4. ✘ Histidine

Question Number : 57 Question Id : 27028215782 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

C- Value paradox suggests about ..

Options :

1. ✘ Dosage compensation
2. ✘ Colinearity between genome size and complexity of an organism

3. ✘ Chromosomal mutation

4. ✔ Non- colinearity between genome size and complexity of an organism

Question Number : 58 Question Id : 27028215783 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

Genes of color blindness in man are located on ..

Options :

1. ✔ X- Chromosome only

2. ✘ Either the X or Y chromosome

3. ✘ Y- Chromosome only

4. ✘ Both X and Y chromosomes

Question Number : 59 Question Id : 27028215784 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

A RNA Polymerase holoenzyme consists of the following subunits ..

Options :

1. ✘ $\alpha_2, \beta\beta^1$
2. ✘ $2, \alpha_2, \beta\beta^1, \sigma$
3. ✔ $\alpha_2, \beta\beta^1, \sigma$
4. ✘ $2\alpha, \beta 2$

Question Number : 60 Question Id : 27028215785 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Balbani rings are associated with

Options :

1. ✘ Lampbrush chromosomes
2. ✔ Polytene chromosomes
3. ✘ B chromosomes
4. ✘ Homo chromosome

Question Number : 61 Question Id : 27028215786 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Assertion(A): Each chromosome during metaphase has two chromatids.

Reason(R): DNA synthesis takes place in the S-phase of interphase.

Options :

1. ✘ Both (A) and (R) are true and (R) is the correct explanation for (A)
2. ✔ Both (A) and (R) are true and (R) is not the correct explanation for (A)
3. ✘ (A) is true but (R) is false
4. ✘ (A) is false but (R) is true

Question Number : 62 Question Id : 27028215787 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Cellulose, the most important constituent of the plant cell wall is made up of ..

Options :

1. ✘ Branched chain of glucose molecules linked by an alpha-1,6-glycosidic bond at the site of branching.
2. ✘ Unbranched chain of glucose molecules linked by an alpha-1,4-glycosidic bond.
3. ✘ Branched chain of the glucose molecules linked by a beta-1,4-glycosidic bond in a straight chain and alpha-1,6-glycosidic bond at the site of branching.
4. ✔ Unbranched chain of glucose molecules linked by the beta-1,4-glycosidic bond

Question Number : 63 Question Id : 27028215788 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

In Ames's test, if the substance is a mutagen, it will increase the rate at which Salmonella-auxotrophs revert to

Options :

1. ✘ Lysine synthesizers
2. ✘ Tryptophan synthesizers
3. ✔ Histidine synthesizers

4. ✘ Arginine synthesizers

Question Number : 64 Question Id : 27028215789 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Match the following

List-I	List-II
I. Ecotone	1. Running water
II. Benthic	2. Replacement of one community by another
III. Sere	3. The transitional zone between two communities
IV. Lotic	4. Zone found at the bottom of the sea

Options :

1. ✔ I-3 II-4 III-2 IV-1

2. ✘ I-4 II-3 III-2 IV-1

3. ✘ I-3 II-4 III-1 IV-2

4. ✘ I-4 II-3 III-1 IV-2

Question Number : 65 Question Id : 27028215790 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

In the secretory pathway of protein modification, proteins move through various organelles in the following order.

Options :

1. ✘ Chloroplast → peroxisome → lysosome
2. ✘ Mitochondria → peroxisome → nucleus
3. ✔ Endoplasmic reticulum → Golgi complex → vesicle
4. ✘ Golgi complex → mitochondria → nucleus

Question Number : 66 Question Id : 27028215791 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

The catalytic efficiency of an enzyme is represented by

Options :

1. ✘ V_{max}
2. ✔ K_{cat}/K_m
3. ✘ K_m

4. ✘ K_{cat}

Question Number : 67 Question Id : 27028215792 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Which immunoglobulin among the following can be transported across epithelial cells?

Options :

1. ✔ IgG

2. ✘ IgE

3. ✔ IgA

4. ✔ IgM

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.

Question Number : 68 Question Id : 27028215793 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Which cell organelles involved in photorespiration?

Options :

1. ✘ Ribosomes
2. ✔ Peroxisomes
3. ✘ Lysosomes
4. ✘ Dictyosomes

Question Number : 69 Question Id : 27028215794 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

Germplasm preservation through tissue culture is

Options :

1. ✘ *in situ* conservation
2. ✔ *ex situ* conservation
3. ✘ selected area conservation
4. ✘ Both (A) and (B)

Question Number : 70 Question Id : 27028215795 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Vernalization refers to

Options :

1. ✘ Diurnal photoperiodicity
2. ✘ Growth curve related to light
3. ✔ Increase ability to flower by Low-temperature treatment
4. ✘ Effect of photoperiods on plant growth

Question Number : 71 Question Id : 27028215796 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Which of the following is the receptor for a group of signaling molecules known as the growth factor?

Options :

1. ✘ G protein-coupled receptors

2. ✘ ligand-gated ion channel

3. ✘ JAK-STAT receptors

4. ✔ receptor tyrosine kinase

Question Number : 72 Question Id : 27028215797 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Match the following

List-I

List-II

I. Ni^{+2}

1. Component of protein

II. Ca^{+2}

2. Cofactor for enzyme urease

III. Mo

3. Activates some enzyme

IV. SO_4^{2-}

4. Co-factor in nitrate reduction

Options :

1. ✔ I-2 II-3 III-4 IV-1

2. ✘ I-3 II-4 III-2 IV-1

3. ✘ I-2 II-3 III-1 IV-4

4. ✘ I-3 II-4 III-1 IV-2

Question Number : 73 Question Id : 27028215798 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

If a polypeptide has 300 amino acid residues, what is its approximate mass?

Options :

1. ✘ 3000 daltons
2. ✘ 15000 daltons
3. ✔ 33000 daltons
4. ✘ 50000 daltons

Question Number : 74 Question Id : 27028215799 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Which of the following is not a prosthetic group of nitrate reductase?

Options :

1. ✘ FAD

2. ✓ Pterin

3. ✗ Mo

4. ✗ Heme

**Question Number : 75 Question Id : 27028215800 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No**

Correct Marks : 2 Wrong Marks : 0

Synapsis is defined as the pairing of..

Options :

1. ✗ Acentric chromosomes

2. ✗ Non-homologous chromosomes

3. ✗ Acrocentric with metacentric chromosomes

4. ✓ Homologous chromosomes

**Question Number : 76 Question Id : 27028215801 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :**

No

Correct Marks : 2 Wrong Marks : 0

Certain species of bird show variation in beak size only when they are sympatric.
This is an example of ..

Options :

1. ✓ Character displacement

2. ✗ Natural Selection

3. ✗ Ecological variation

4. ✗ Mutation

Question Number : 77 Question Id : 27028215802 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

Match the following

List-I

List-II

I. X- linked inheritance

1. Cystic fibrosis

II. Autosomal recessive

2. Hutington disease

III. Autosomal dominant

3. Hairy ears

IV. Y-linked inheritance

4. Hemophilia

Options :

1. ✗ I-1 II- 4 III-3 IV-2

2. ✘ I-4 II-3 III-2 IV-1

3. ✔ I-4 II-1 III-2 IV-3

4. ✘ I-3 II-4 III-1 IV-2

Question Number : 78 Question Id : 27028215803 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Core-satellite metapopulations are also known as _____ metapopulations.

Options :

1. ✘ Non-equilibrium

2. ✘ Patchy

3. ✔ Mainland island

4. ✘ None of the above

Question Number : 79 Question Id : 27028215804 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Which biogeographical region finds the musk deer in its natural habitat?

Options :

1. ✓ Eastern Himalayas

2. ✗ Western ghat

3. ✗ Coastal belt

4. ✗ Andaman

Question Number : 80 Question Id : 27028215805 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

LOD score method was originated by ...

Options :

1. ✗ Peltier

2. ✗ Rigby

3. ✓ Morton

4. ✘ Peterson

Question Number : 81 Question Id : 27028215806 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

What is the correct order of steps involved in Western blotting?

- I. Protein denaturation
- II. Hydrogen Peroxide reduction
- III. Primary antibody binding
- IV. Transfer on to the membrane

Options :

1. ✘ I → II → III → IV

2. ✘ II → I → III → IV

3. ✘ I → II → IV → III

4. ✔ I → IV → III → II

Question Number : 82 Question Id : 27028215807 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Haploid plants are obtained by culturing ..

Options :

1. ✘ Young leaves
2. ✘ Endosperm
3. ✔ Pollen grain
4. ✘ Root tip

Question Number : 83 Question Id : 27028215808 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Which assumption supports the Hardy-Weinberg Equilibrium from the following?

Options :

1. ✘ Genetic drift
2. ✔ Random Mating
3. ✘ Presence of natural selection

4. ✖ Assortative mating

Question Number : 84 Question Id : 27028215809 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

A sample of normal double-stranded DNA found a guanine content of 19 %. What is the expected proportion of adenine?

Options :

1. ✖ 11 %

2. ✖ 68 %

3. ✔ 31 %

4. ✖ 62 %

Question Number : 85 Question Id : 27028215810 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Where does the glycosylation of protein occur?

Options :

1. ✘ Mitochondria
2. ✘ Peroxisome
3. ✘ Lysosome
4. ✔ Endoplasmic reticulum

Question Number : 86 Question Id : 27028215811 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

The intrinsic pathway of apoptosis involves pro-apoptotic and anti-apoptotic proteins. Which of the following is anti-apoptotic?

Options :

1. ✘ Bad
2. ✔ Bcl-2
3. ✘ Bax
4. ✘ caspase-9

Question Number : 87 Question Id : 27028215812 Question Type : MCQ Option Shuffling : No

**Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No**

Correct Marks : 2 Wrong Marks : 0

Down's syndrome is a disorder due to

Options :

1. ✘ Sex chromosome

2. ✔ Autosome

3. ✘ nullisomy

4. ✘ Deletion

**Question Number : 88 Question Id : 27028215813 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No**

Correct Marks : 2 Wrong Marks : 0

Who proposed the theory of inheritance of acquired character?

Options :

1. ✘ Mendel

2. ✘ Wallace

3. ✓ Lamarck

4. ✘ Darwin

Question Number : 89 Question Id : 27028215814 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

In *Drosophila* embryos, which of the following maternal effect gene products regulate the anterior structure of the embryo...

Options :

1. ✘ Bicoid and Torso

2. ✘ Bicoid and Nanos

3. ✓ Bicoid and Hunchback

4. ✘ Bicoid and Caudal

Question Number : 90 Question Id : 27028215815 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

The nucleus is lost secondarily in ..

Options :

1. ✘ Sperms
2. ✘ Mature eggs
3. ✔ RBC
4. ✘ All of the above

Question Number : 91 Question Id : 27028215816 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

The Singer and Nicholson model of plasma membrane differs from Robertson's model in ..

Options :

1. ✔ The arrangement of proteins
2. ✘ The number of lipid layers
3. ✘ The absence of proteins in the singer model
4. ✘ The arrangement of lipid layers

Question Number : 92 Question Id : 27028215817 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Who gave the term "heterochromatin"?

Options :

1. ✘ Hammerling
2. ✘ Darlington
3. ✔ Emil Heitz
4. ✘ Morgan

Question Number : 93 Question Id : 27028215818 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Which of the following phases is characterized by the gradual visibility of the
chromosomes under a light microscope?

Options :

1. ✔ Leptotene

2. ✘ Zygotene

3. ✘ Pachytene

4. ✘ Diplotene

**Question Number : 94 Question Id : 27028215819 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No**

Correct Marks : 2 Wrong Marks : 0

RuBisCo enzyme is made from two subunit, large subunit coded by ..

Options :

1. ✘ Nuclear genome

2. ✔ Chloroplast genome

3. ✘ Mitochondrial genome

4. ✘ Both (A) and (B)

**Question Number : 95 Question Id : 27028215820 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :**

No

Correct Marks : 2 Wrong Marks : 0

The majority of RFLP markers are extremely _____ and _____

Options :

1. ✘ locus-non-specific and dominant
2. ✔ locus-specific and co-dominant
3. ✘ locus-specific and recessive
4. ✘ Non-specific and recessive

Question Number : 96 Question Id : 27028215821 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

Which of the following enzymes do not mediate post-translational modifications?

Options :

1. ✘ Kinases
2. ✘ Ligase
3. ✘ Phosphatases

4. ✓ Helicases

Question Number : 97 Question Id : 27028215822 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

_____ can be used to create a genomic library as long as the size of the partially digested DNA fragments between 40 and 45 kb.

Options :

1. ✘ Phage

2. ✓ Cosmid

3. ✘ Plasmid

4. ✘ All of the above

Question Number : 98 Question Id : 27028215823 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Protein phosphorylation does not play a critical role in which of the following cellular processes?

Options :

1. ✘ Cell cycle
2. ✘ Cell growth
3. ✘ Apoptosis
4. ✔ Cell wall synthesis

**Question Number : 99 Question Id : 27028215824 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No**

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 -> stabilisation

Question Number : 100 Question Id : 27028215825 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

The following matrix shows the relationship between probability of death and duration of species association.

Duration of Association	High	A	B
	Low	C	D
		Low	High
		Probability of Death	

In the above, A, B, C and D are:

Options :

1. ✓ A - Parasites, B - Parasitoids, C - Grazers, D- Predators
2. ✗ A - Carnivores, B - Herbivores, C- Parasites, D - Parasitoids
3. ✗ A - Grazers, B - Parasites, C - Herbivores, D- Parasitoids
4. ✗ A - Predators, B - Parasitoids, C - Parasites, D – Carnivores

Question Number : 101 Question Id : 27028215826 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

According to 2014 IUCN Red list, which of the following vertebrate classes has the largest percentage of threatened species?

Options :

1. ✘ Mammals

2. ✘ Birds

3. ✘ Reptiles

4. ✔ Amphibia

Question Number : 102 Question Id : 27028215827 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

In *C. elegans* during the primary vulval cell development,receptor is activated

Options :

1. ✘ Lin-12

2. ✘ Lin-31

3. ✔ Let- 23

4. ✘ Let-12

Question Number : 103 Question Id : 27028215828 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Match the following foetal membrane and functions

List-I	List-II
I. Allantois	1. Exchange of gases
II. Chorion	2. Shock absorption
III. Yolk sac	3. Elimination of metabolic waste
IV. Amnion	4. Food storage and digestion

Options :

1. ✘ I-2 II-3 III-4 IV-1

2. ✘ I-2 II-3 III-1 IV-4

3. ✘ I-3 II-1 III-2 IV-4

4. ✔ I-3 II-1 III-4 IV-2

Question Number : 104 Question Id : 27028215829 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

What do the changes in a community that is in near equilibrium with the environment lead to the formation of?

Options :

1. ✘ Mixed community
2. ✔ Climax community
3. ✘ Total community
4. ✘ Naive community

Question Number : 105 Question Id : 27028215830 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

Following four types of species were observed in a community:

P. Species 'P' has a large effect on the community because of its abundance.

Q. Species 'Q' has a large role in the community out of proportion to their abundance.

R. Status of species 'R' provides information on the overall health of an ecosystem

S. Significant conservation resources are allocated to species 'S' which is single, large, and instantly recognizable.

According to the above description, species P, Q, R, and S are called respectively

Options :

1. ✓ Dominant, Keystone, Indicator, and Flagship
2. ✘ Keystone, Flagship, Dominant, and Indicator
3. ✘ Keystone, Dominant, Indicator, and Flagship
4. ✘ Flagship, Dominant, Keystone, and Indicator

Question Number : 106 Question Id : 27028215831 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Alfa diversity within a particular area or ecosystem is expressed by the ----- of species in that ecosystem.

Options :

1. ✘ Family
2. ✘ Species
3. ✓ Number
4. ✘ Genus

Question Number : 107 Question Id : 27028215832 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

“Silent Valley Project” is situated in the ----- state.

Options :

1. ✘ Maharashtra

2. ✔ Kerala

3. ✘ Uttarakhand

4. ✘ Jammu and Kashmir

Question Number : 108 Question Id : 27028215833 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Which group of cells of amphibian blastula is capable of inducing the organizer?

Options :

1. ✘ Hypoblast

2. ✘ Hensen's node

3. ✘ Pax6

4. ✔ Nieuwkoop centre

**Question Number : 109 Question Id : 27028215834 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No**

Correct Marks : 2 Wrong Marks : 0

Fungal groups have septate hyphae and reproduce asexually by budding, conidia, and fragmentation

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

Options :

1. Zygomycetes
2. Basidiomycota
3. Chytrids
4. Spheromycota

Question Number : 110 Question Id : 27028215835 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Which is associated with immediate hypersensitivity reactions from the following?

Options :

1. ✘ IgA

2. ✘ IgM

3. ✔ IgE

4. ✘ IgD

Question Number : 111 Question Id : 27028215836 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Which type of development of an organism occurs in “autonomous specification”?

Options :

1. ✘ Syncytial

2. ✘ Regulative
3. ✘ Selective
4. ✔ Mosaic

**Question Number : 112 Question Id : 27028215837 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No**

Correct Marks : 2 Wrong Marks : 0

In the Phylogenetic tree, a paraphyletic group contains

Options :

1. ✘ All the representatives of the clade and the most recent common ancestor
2. ✘ All the representatives of the clade but not the most recent common ancestor
3. ✔ The most recent common ancestors but not all of its decedents
4. ✘ Unrelated organisms

**Question Number : 113 Question Id : 27028215838 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On**

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Which of the following metabolites is transported from chloroplast to peroxisome during C₂ oxidative photosynthetic cycle?

Options :

1. ✘ Serine
2. ✘ Glycine
3. ✘ Glycerate
4. ✔ Glycolate

Question Number : 114 Question Id : 27028215839 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Which of the following vitamins deficiency leads to hemolytic anemia in animals?

Options :

1. ✘ Vitamin A
2. ✘ Vitamin K
3. ✔ Vitamin E

4. ✘ Vitamin D

Question Number : 115 Question Id : 27028215840 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Which era is considered as the “age of reptiles”?

Options :

1. ✘ Palaeozoic
2. ✔ Mesozoic
3. ✘ Cenozoic
4. ✘ Proterozoic

Question Number : 116 Question Id : 27028215841 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Assertion (A): In the human heart there is no mixing of oxygenated and deoxygenated blood.

Reason(R): Valves are present in the heart which allows the movement of blood in one direction only.

Options :

1. ✘ Both (A) and (R) are true and (R) is the correct explanation for (A)
2. ✔ Both (A) and (R) are true and (R) is not the correct explanation for (A)
3. ✘ (A) is true but (R) is false
4. ✘ (A) is false but (R) is true

Question Number : 117 Question Id : 27028215842 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Match the following

List-I

- I. Demonstration of filterable infectious agent
- II. Bacterial transformation
- III. Identification of DNA as genetic material
- IV. Penicillin discovery

List-II

1. Griffith
2. Fleming
3. Beijerinck
4. Avery

Options :

1. ✔ I-3 II-1 III-4 IV-2

2. ✘ I-1 II-3 III-2 IV-2

3. ✘ I-4 II-2 III-1 IV-3

4. ✘ I-4 II-1 III-3 IV-2

Question Number : 118 Question Id : 27028215843 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

In mouse embryos the first site of hematopoiesis is ..

Options :

1. ✘ Bone marrow

2. ✘ Spleen

3. ✔ Yolk sac

4. ✘ Liver

Question Number : 119 Question Id : 27028215844 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Paracentric inversions produce ..

Options :

1. ✘ Dicentric chromosome
2. ✘ Duplications
3. ✘ Acentric chromosome
4. ✔ Both (A) and (C)

Question Number : 120 Question Id : 27028215845 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Which hormone is responsible for fight or flight response?

Options :

1. ✘ Thyroxine and prolactin
2. ✘ Progesterone and oestrogen
3. ✔ Epinephrine and norepinephrine

4. ✘ Insulin and glucagon

Question Number : 121 Question Id : 27028215846 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

The basic functional unit of the human kidney is considered to ..

Options :

1. ✘ Neuron

2. ✘ Exon

3. ✔ Nephron

4. ✘ Duct

Question Number : 122 Question Id : 27028215847 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Which is the characteristic of deuterostomes?

Options :

1. ✘ Bilateral symmetric body
2. ✘ Radial symmetric body
3. ✘ Well-defined digestive system
4. ✔ Formation of anus from blastopore

**Question Number : 123 Question Id : 27028215848 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No**

Correct Marks : 2 Wrong Marks : 0

Which are the two criteria of most cork cells?

Options :

1. ✘ Suberin and permeable
2. ✘ Cutin and impervious
3. ✔ Suberin and impervious
4. ✘ Cutin and permeable

Question Number : 124 Question Id : 27028215849 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

In SDS- electrophoresis, proteins are separated on the basis of their

Options :

1. ✘ Charge
2. ✔ Molecular size
3. ✘ Charge and shape
4. ✘ Amino acid composition

Question Number : 125 Question Id : 27028215850 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Which statement is true about type two error from the following?

Options :

1. ✔ In type two error, accept an incorrect hypothesis
2. ✘ In type two error, reject an incorrect hypothesis

3. ✘ In type two error, accept a correct hypothesis

4. ✘ In type two error, reject a correct hypothesis

Question Number : 126 Question Id : 27028215851 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

Which is the correct order for respiratory quotient for the following substrate?

Options :

1. ✘ Protein > Carbohydrates > Fat

2. ✘ Carbohydrates > Fat > Protein

3. ✔ Carbohydrates > Protein > Fat

4. ✘ Protein > Fat > Carbohydrates

Question Number : 127 Question Id : 27028215852 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

An alpha-helical conformation of the globular protein in solution is determined by

Options :

1. ✘ Flurorescence microscopy
2. ✘ Electron microscopy
3. ✘ UV absorbance spectroscopy
4. ✔ Circular dichroism

Question Number : 128 Question Id : 27028215853 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

Which is the enzyme specific to glyoxalate cycle?

Options :

1. ✘ Succinate dehydrogenase
2. ✔ Isocitrate lyase
3. ✘ Aconitase
4. ✘ Isocitrate dehydrogenase

Question Number : 129 Question Id : 27028215854 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Which of the following processes does not take place in the nucleus?

Options :

1. ✘ DNA replication
2. ✘ RNA processing
3. ✔ Translation
4. ✘ Transcription

Question Number : 130 Question Id : 27028215855 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Which of the following is not an example of *in situ* conservation?

Options :

1. ✘ Biosphere reserve

2. ✘ Sacred groove
3. ✘ National Park
4. ✔ Botanical garden

Question Number : 131 Question Id : 27028215856 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

A mutation in codon leads to the substitution of one amino acid with another different from the usual amino acid, the type of this mutation is—

Options :

1. ✘ Nonsense mutation
2. ✘ Frameshift mutation
3. ✔ Missense mutation
4. ✘ Same sense mutation

Question Number : 132 Question Id : 27028215857 Question Type : MCQ Option Shuffling : No

**Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No**

Correct Marks : 2 Wrong Marks : 0

A cross is made between a pure breeding plant having red colored flowers with a pure breeding plant having white colored flowers, such cross is called—

Options :

1. ✓ Monohybrid cross
2. ✗ Dihybrid cross
3. ✗ Test cross
4. ✗ Back cross

**Question Number : 133 Question Id : 27028215858 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No**

Correct Marks : 2 Wrong Marks : 0

Which of the following dyes is used in Gram staining?

Options :

1. ✗ Giemsa
2. ✗ Methylene blue

3. ✘ Rhodamine

4. ✔ Crystal violet

**Question Number : 134 Question Id : 27028215859 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No**

Correct Marks : 2 Wrong Marks : 0

Shine-Dalgarno sequence is part of ..

Options :

1. ✘ Eukaryotic rRNA

2. ✔ Prokaryotic mRNA

3. ✘ Eukaryotic mRNA

4. ✘ tRNA

**Question Number : 135 Question Id : 27028215860 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No**

Correct Marks : 2 Wrong Marks : 0

DNA replication is ..

Options :

1. ✘ Conservative and semi discontinuous
2. ✘ Continuous and Conservative
3. ✔ Semiconservative and semi discontinuous
4. ✘ Semiconservative and continuous

Question Number : 136 Question Id : 27028215861 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

In *Drosophila* , sex is determined by

Options :

1. ✘ Ratio of pairs of X-chromosomes to the pairs of autosomes
2. ✔ Ratio of the number of X- chromosomes to the set of autosomes
3. ✘ X and Y chromosome

4. ✖ Temperature

Question Number : 137 Question Id : 27028215862 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

In humans, Barr body is an ..

Options :

1. ✖ Active X chromosome in males
2. ✖ Active X chromosome in females
3. ✖ Inactive X chromosome in normal males
4. ✔ Inactive X chromosome in normal females

Question Number : 138 Question Id : 27028215863 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Mycoplasmas are different from other prokaryotes in

Options :

1. ✘ Presence of protein in cell wall
2. ✔ Absence of cell wall itself
3. ✘ Presence of chitin in cell wall
4. ✘ Presence of murein in cell wall

Question Number : 139 Question Id : 27028215864 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

What part of the body is mostly scanned by fMRI?

Options :

1. ✔ Brain
2. ✘ Kidney
3. ✘ Heart
4. ✘ Liver

Question Number : 140 Question Id : 27028215865 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

Assertion(A): Beri -Beri is a viral infection

Reason(R): Vitamin deficiency causes diseases

Options :

1. ✘ Both (A) and (R) are true and (R) is the correct explanation for (A)
2. ✘ Both (A) and (R) are true and (R) is not the correct explanation for (A)
3. ✘ (A) is true but (R) is false
4. ✔ (A) is false but (R) is true

Question Number : 141 Question Id : 27028215866 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No

Correct Marks : 2 Wrong Marks : 0

The number of protons or atomic number is reduced to 2 by which form of radioactive decay?

Options :

1. ✔ Alpha decay

2. ✘ Beta decay
3. ✘ Gamma decay
4. ✘ None of the above

Question Number : 142 Question Id : 27028215867 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Remote sensing techniques make use of the properties of-----emitted, reflected or diffracted by the sensed object.

Options :

1. ✘ Sound waves
2. ✘ Electric waves
3. ✔ Electromagnetic waves
4. ✘ Wind waves

Question Number : 143 Question Id : 27028215868 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Biosphere reserve has following zone except one

Options :

1. ✘ Buffer zone
2. ✘ Core zone
3. ✘ Transition area
4. ✔ Spherical zone

Question Number : 144 Question Id : 27028215869 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

The final stable community in an ecological succession is

Options :

1. ✔ Climax
2. ✘ Pioneer

3. ✘ Ecotone

4. ✘ Nudation

**Question Number : 145 Question Id : 27028215870 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No**

Correct Marks : 2 Wrong Marks : 0

Which of the following is produced by the alpha cells of the pancreas?

Options :

1. ✘ Insulin

2. ✘ Calcitonin

3. ✘ Oxytocin

4. ✔ Glucagon

**Question Number : 146 Question Id : 27028215871 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No**

Correct Marks : 2 Wrong Marks : 0

Autotrophs consumption in the ecosystem occurs by

Options :

1. ✘ Decomposers
2. ✘ Autotrophs
3. ✔ Heterotrophs
4. ✘ Phototrophs

Question Number : 147 Question Id : 27028215872 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :

No

Correct Marks : 2 Wrong Marks : 0

The Major mechanism of HER-2/ neu oncogene activation in breast cancer is

Options :

1. ✘ Point mutation
2. ✘ Translocation
3. ✘ Deletion
4. ✔ Gene amplification

Question Number : 148 Question Id : 27028215873 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Vertical distribution of different species in an ecosystem occupying at different levels known as

Options :

1. ✘ Vitrification
2. ✔ Stratification
3. ✘ Ventralization
4. ✘ Dorsalization

Question Number : 149 Question Id : 27028215874 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 2 Wrong Marks : 0

Conversion of inorganic into organic material with the help of the radiant energy of the sun by

Options :

1. ✘ Heterotrophs

2. ✘ Phenotrophs

3. ✔ Autotrophs

4. ✘ Spherotrophs

**Question Number : 150 Question Id : 27028215875 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control :
No**

Correct Marks : 2 Wrong Marks : 0

The regulation of trp operon in *E. coli* in part by the availability of tryptophan is known as

Options :

1. ✘ Anti termination

2. ✘ Nonsense Suppression

3. ✘ Alternative splicing

4. ✔ Attenuation