

Common University Entrance Test (PG)

CUET PG 2023 Question Paper

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Question Paper Name :	Geology Earth Sciences Eng 13th June 2023 Shift 1
Subject Name :	Geology Earth Sciences Eng
Creation Date :	2023-06-14 23:29:54
Duration :	120
Total Marks :	400
Display Marks:	Yes

Geology Earth Sciences

Group Number :	1
Group Id :	686340168
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	400
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

Part A

Section Id :	686340335
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	21
Number of Questions to be attempted :	21
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 :	686340562
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Id : 68634016916 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Question Numbers : (1 to 5)

Question Label : Comprehension

Relying on the testimony of a nine-year-old girl, a court in a city (S) of state awarded life imprisonment to her father, who is a doctor, for murdering his second wife with help of his two aides in 2021. The minor girl was witness to her mother's killing.

A person (X) had married Y (lady) in 2012. The couple had two daughters. On October 26, 2021, Y was found dead in their house and the doctor was missing. Y's mother was later told by the minor girl that her mother was killed by her father. The autopsy report corroborated her statement as it was established that Y was "strangled to death". Additional district government counsel (ADGC), Z (person) told TOI, "Y and X had a love marriage after the latter introduced himself as 'Dr. A'. The wedding was solemnised in another city as per Hindu rituals. Y came to know about her Husband's identity when they moved to a small town in S. 'A' was actually X and he was already married. The accused then started putting pressure on her to embrace his faith, to which she refused. Later she was found murdered".

The ADGC added, "An FIR was registered on the complaint of Y's mother on October 28,2021." He was arrested three months later. During investigation, police found that he killed Y with the help of his brother-in-law B and aide C (hybrid name). Z said, "The nine year old daughter, who studies in class III told the court that her mother was watching TV when her father and two men killed her. Seeing the heinous nature of the crime, we argued for the death penalty."

Sub questions

Question Number : 1 Question Id : 68634016917 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Find one word substitute for the following phrase from the options given below:-

A Formal statement, especially one given in a court of law

1. Tetany
2. Tetchy
3. Tetanic
4. Testimony

Options :
68634066801. 1
68634066802. 2
68634066803. 3
68634066804. 4

Question Number : 2 Question Id : 68634016918 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

What is the meaning of the word 'Strangle' used in this paragraph?

1. Cutting the neck of someone
2. Squeeze or constrict the neck
3. Covering the face, especially as to cause death
4. Causing death due to hunger

Options :
68634066805. 1
68634066806. 2
68634066807. 3
68634066808. 4

Question Number : 3 Question Id : 68634016919 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

The antonyms of testimony is:

1. Proof
2. document
3. Charge
4. Acceptance

Options :
68634066809. 1
68634066810. 2
68634066811. 3
68634066812. 4

Question Number : 4 Question Id : 68634016920 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

FIR stands for:

1. Female Identity Report
2. False Information Report
3. First Information Report
4. Fight Intimation Report

Options :
68634066813. 1
68634066814. 2

68634066815. 3
68634066816. 4

Question Number : 5 Question Id : 68634016921 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

The synonym of corroborate is:

1. to kill
2. to catch
3. to mix
4. to compare

Options :
68634066817. 1
68634066818. 2
68634066819. 3
68634066820. 4

Question Id : 68634016916 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Question Numbers : (1 to 5)
Question Label : Comprehension

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Sub questions

Question Number : 1 Question Id : 68634016917 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
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1. Tetany
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Options :
68634066801. 1
68634066802. 2
68634066803. 3
68634066804. 4

Question Number : 2 Question Id : 68634016918 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

What is the meaning of the word 'Strangle' used in this paragraph?

1. Cutting the neck of someone
2. Squeeze or constrict the neck
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Options :
68634066805. 1
68634066806. 2
68634066807. 3
68634066808. 4

Question Number : 3 Question Id : 68634016919 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

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Options :

68634066809. 1
68634066810. 2
68634066811. 3
68634066812. 4

Question Number : 4 Question Id : 68634016920 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

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1. Female Identity Report
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3. First Information Report
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Options :
68634066813. 1
68634066814. 2
68634066815. 3
68634066816. 4

Question Number : 5 Question Id : 68634016921 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

The synonym of corroborate is:

1. to kill
2. to catch
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4. to compare

Options :
68634066817. 1
68634066818. 2
68634066819. 3
68634066820. 4

Sub-Section Number :	2
Sub-Section Id :	686340563
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 6 Question Id : 68634016922 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

In the sentence below a part is italicised. Which of the choices as a replacement will improve the sentence?

I only said it *as a fun*.

1. of fun
2. with fun
3. at a fun
4. in fun

Options :
68634066821. 1
68634066822. 2
68634066823. 3
68634066824. 4

Question Number : 6 Question Id : 68634016922 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

In the sentence below a part is italicised. Which of the choices as a replacement will improve the sentence?

I only said it *as a fun*.

1. of fun
2. with fun
3. at a fun
4. in fun

Options :
68634066821. 1
68634066822. 2
68634066823. 3
68634066824. 4

Question Number : 7 Question Id : 68634016923 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Identify the correct indirect narration for the following sentence :

The tailor said to him, "Will you have the suit ready by tomorrow evening?"

1. The tailor asked him that he will have the suit ready by the next evening.
2. The tailor asked him that he would had the suit ready by the next evening.
3. The tailor asked him if he would have the suit ready by the next evening.
4. The tailor asked him if he will like to have the suit ready by the next evening.

Options :
68634066825. 1
68634066826. 2
68634066827. 3
68634066828. 4

Question Number : 7 Question Id : 68634016923 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Identify the correct indirect narration for the following sentence :

The tailor said to him, "Will you have the suit ready by tomorrow evening?"

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3. The tailor asked him if he would have the suit ready by the next evening.
4. The tailor asked him if he will like to have the suit ready by the next evening.

Options :
68634066825. 1
68634066826. 2
68634066827. 3
68634066828. 4

Question Number : 8 Question Id : 68634016924 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

From among the four options given, choose the one word substitute for the phrase 'one who is over anxious about their health'.

1. Valetudinarian
2. Depressed
3. Romantic
4. Optimist

Options :
68634066829. 1
68634066830. 2
68634066831. 3
68634066832. 4

Question Number : 8 Question Id : 68634016924 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

From among the four options given, choose the one word substitute for the phrase 'one who is over anxious about their health'.

1. Valetudinarian
2. Depressed
3. Romantic
4. Optimist

Options :
68634066829. 1
68634066830. 2
68634066831. 3
68634066832. 4

Question Number : 9 Question Id : 68634016925 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Give a synonym of the underlined word in the following sentence.

A little learning is a dangerous thing.

1. inevitable
2. celestial
3. fatal
4. cognitive

Options :
68634066833. 1
68634066834. 2
68634066835. 3
68634066836. 4

Question Number : 9 Question Id : 68634016925 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Give a synonym of the underlined word in the following sentence.

A little learning is a dangerous thing.

1. inevitable
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4. cognitive

Options :
68634066833. 1
68634066834. 2
68634066835. 3
68634066836. 4

Question Number : 10 Question Id : 68634016926 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Identify the passive voice for the following sentence.

They cooked the food and sent it to the orphanage.

1. The cooked food was sent to the orphanage by them.
2. The food was cooked and sent to the orphanage by them.
3. The food was sent to the orphanage by them.
4. They went to orphanage and gave the food.

Options :
68634066837. 1
68634066838. 2
68634066839. 3
68634066840. 4

Question Number : 10 Question Id : 68634016926 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Identify the passive voice for the following sentence.

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2. The food was cooked and sent to the orphanage by them.
3. The food was sent to the orphanage by them.
4. They went to orphanage and gave the food.

Options :
68634066837. 1
68634066838. 2
68634066839. 3
68634066840. 4

Question Number : 11 Question Id : 68634016927 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which two neighboring countries of the world share longest border?

1. Chile and Argentina
2. China and Russia
3. India and China
4. Canada and U.S.A.

Options :
68634066841. 1
68634066842. 2
68634066843. 3
68634066844. 4

Question Number : 11 Question Id : 68634016927 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which two neighboring countries of the world share longest border?

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2. China and Russia
3. India and China
4. Canada and U.S.A.

Options :
68634066841. 1
68634066842. 2
68634066843. 3
68634066844. 4

Question Number : 12 Question Id : 68634016928 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Match List I with List II

LIST I (Constitutional Provision)		LIST II (Borrowed From)	
A.	Procedure established by Law	I.	Ireland
B.	Directive Principles of State Policy	II.	Germany
C.	Concurrent List	III.	Japan
D.	Emergency Provisions	IV.	Australia

Choose the correct answer from the options given below:

1. A-I, B-II, C-III, D-IV

2. A-I, B-III, C-IV, D-II

3. A-IV, B-III, C-II, D-I

4. A-III, B-I, C-IV, D-II

Options :

68634066845. 1

68634066846. 2

68634066847. 3

68634066848. 4

Question Number : 12 Question Id : 68634016928 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

LIST I (Constitutional Provision)		LIST II (Borrowed From)	
A.	Procedure established by Law	I.	Ireland
B.	Directive Principles of State Policy	II.	Germany
C.	Concurrent List	III.	Japan
D.	Emergency Provisions	IV.	Australia

Choose the correct answer from the options given below:

1. A-I, B-II, C-III, D-IV

2. A-I, B-III, C-IV, D-II

3. A-IV, B-III, C-II, D-I

4. A-III, B-I, C-IV, D-II

Options :

68634066845. 1

68634066846. 2

68634066847. 3

68634066848. 4

Question Number : 13 Question Id : 68634016929 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Who was awarded the 'Nobel Prize' for his struggle against the suppression of Children and for the right of all Children to education.

1. Abhijit Banerjee
2. Kailash Satyarthi
3. Dalai Lama
4. Venki Ramakrishan

Options :

68634066849. 1
68634066850. 2
68634066851. 3
68634066852. 4

Question Number : 13 Question Id : 68634016929 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

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1. Abhijit Banerjee
2. Kailash Satyarthi
3. Dalai Lama
4. Venki Ramakrishan

Options :

68634066849. 1
68634066850. 2
68634066851. 3
68634066852. 4

Question Number : 14 Question Id : 68634016930 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Arrange the following in chronological order : (India fight for freedom)

A. Wavell Plan
B. Plan Balkan
C. Cabinet Mission
D. Call for Direct Action

Choose the correct answer from the options given below:

1. C, A, D, B

2. A, D, C, B

3. A, C, D, B

4. D, C, B

Options :
68634066853. 1
68634066854. 2
68634066855. 3
68634066856. 4

Question Number : 14 Question Id : 68634016930 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Arrange the following in chronological order : (India fight for freedom)

A. Wavell Plan
B. Plan Balkan
C. Cabinet Mission
D. Call for Direct Action

Choose the correct answer from the options given below:

1. C, A, D, B

2. A, D, C, B

3. A, C, D, B

4. D, C, B

Options :
68634066853. 1
68634066854. 2
68634066855. 3
68634066856. 4

Question Number : 15 Question Id : 68634016931 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Given below are two statements : One is labelled as Assertion (A) and the other is labelled as Reason (R) :

Assertion (A) : Black soil or Regur soil is also known as self-ploughing soil.

Reason (R) : Black soil is clayey in texture. It has the ability to retain a great amount of water.In summers, it develops cracks which expose it to water from rains and sunlight, thus making it easy to plough and to be used for the cultivation process.

In light of the above statements, choose the most appropriate answer from the options given below:

1. Both A and R are correct and R is the correct explanation of A

2. Both A and R are correct but R is NOT the correct explanation of A

3. A is correct but R is not correct

4. A is not correct but R is correct

Options :
68634066857. 1
68634066858. 2
68634066859. 3
68634066860. 4

Question Number : 15 Question Id : 68634016931 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Given below are two statements : One is labelled as Assertion (A) and the other is labelled as Reason (R) :

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1. Both A and R are correct and R is the correct explanation of A

2. Both A and R are correct but R is NOT the correct explanation of A

3. A is correct but R is not correct

4. A is not correct but R is correct

Options :
68634066857. 1
68634066858. 2
68634066859. 3
68634066860. 4

Question Number : 16 Question Id : 68634016932 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements : One is labelled as Assertion (A) and the other is labelled as Reason (R) :
Assertion (A) : Mahatma Gandhi has said "Truth" is "Love" and "Love" is "God".
Reason (R) : True statements are universal and need not to remember after we speak of it.
In light of the above statements, choose the most appropriate answer from the options given below:

1. Both A and R are correct and R is the correct explanation of A

2. Both A and R are correct but R is NOT the correct explanation of A

3. A is correct but R is not correct

4. A is not correct but R is correct

Options :
68634066861. 1
68634066862. 2
68634066863. 3
68634066864. 4

Question Number : 16 Question Id : 68634016932 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Given below are two statements : One is labelled as Assertion (A) and the other is labelled as Reason (R) :
Assertion (A) : Mahatma Gandhi has said "Truth" is "Love" and "Love" is "God".
Reason (R) : True statements are universal and need not to remember after we speak of it.
In light of the above statements, choose the most appropriate answer from the options given below:

1. Both A and R are correct and R is the correct explanation of A

2. Both A and R are correct but R is NOT the correct explanation of A

3. A is correct but R is not correct

4. A is not correct but R is correct

Options :
68634066861. 1
68634066862. 2
68634066863. 3
68634066864. 4

Question Number : 17 Question Id : 68634016933 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

In a certain code "CURTAIN" is coded as X F I G Ƶ R M. How is MADAM coded in that language?

1. N Ƶ W Ƶ N

2. N Ƶ V Ƶ N

3. O Ƶ V Ƶ O

4. O Ƶ T Ƶ O

Options :

68634066865. 1

68634066866. 2

68634066867. 3

68634066868. 4

Question Number : 17 Question Id : 68634016933 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

In a certain code "CURTAIN" is coded as X F I G Ƶ R M. How is MADAM coded in that language?

1. N Ƶ W Ƶ N

2. N Ƶ V Ƶ N

3. O Ƶ V Ƶ O

4. O Ƶ T Ƶ O

Options :

68634066865. 1

68634066866. 2

68634066867. 3

68634066868. 4

Question Number : 18 Question Id : 68634016934 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Reason for farmer's suicides in India are due to:

A. Heavy amount of the unpaid loans.
B. Less rain in the whole country
C. Suppression by the big land holders
D. Psychological disorders
E. Industrialization on the fertile land.

Choose the correct answer from the options given below:

1. A, B, C, E

2. B, C, E, D

3. A, B, D, E

4. A, C, D, B

Options :
68634066869. 1
68634066870. 2
68634066871. 3
68634066872. 4

Question Number : 18 Question Id : 68634016934 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Reason for farmer's suicides in India are due to:

A. Heavy amount of the unpaid loans.
B. Less rain in the whole country
C. Suppression by the big land holders
D. Psychological disorders
E. Industrialization on the fertile land.

Choose the correct answer from the options given below:

1. A, B, C, E

2. B, C, E, D

3. A, B, D, E

4. A, C, D, B

Options :
68634066869. 1
68634066870. 2
68634066871. 3
68634066872. 4

Question Number : 19 Question Id : 68634016935 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Looking at a photograph of a man, Sheela says that he is the only son of the husband of the mother of my husband's sister. How is man related to Sheela?

1. Father-in-Law
2. Son
3. Brother in Law
4. Husband

Options :
68634066873. 1
68634066874. 2
68634066875. 3
68634066876. 4

Question Number : 19 Question Id : 68634016935 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Looking at a photograph of a man, Sheela says that he is the only son of the husband of the mother of my husband's sister. How is man related to Sheela?

1. Father-in-Law
2. Son
3. Brother in Law
4. Husband

Options :
68634066873. 1
68634066874. 2
68634066875. 3
68634066876. 4

Question Number : 20 Question Id : 68634016936 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Find the missing term in the given series

12, 15, 19, ?, 30, 37

1. 35

2. 28

3. 36

4. 24

Options :

68634066877. 1
68634066878. 2
68634066879. 3
68634066880. 4

Question Number : 20 Question Id : 68634016936 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Find the missing term in the given series

12, 15, 19, ?, 30, 37

1. 35

2. 28

3. 36

4. 24

Options :

68634066877. 1
68634066878. 2
68634066879. 3
68634066880. 4

Question Number : 21 Question Id : 68634016937 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

A bag contains 6 white and 4 black balls. Two balls are drawn at random then what is the probability that they are of the same colour?

1. $\frac{3}{15}$
2. $\frac{4}{15}$
3. $\frac{7}{15}$
4. $\frac{7}{25}$

Options :

68634066881. 1
68634066882. 2
68634066883. 3
68634066884. 4

Question Number : 21 Question Id : 68634016937 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

A bag contains 6 white and 4 black balls. Two balls are drawn at random then what is the probability that they are of the same colour?

1. $\frac{3}{15}$
2. $\frac{4}{15}$
3. $\frac{7}{15}$
4. $\frac{7}{25}$

Options :

68634066881. 1
68634066882. 2
68634066883. 3
68634066884. 4

Question Number : 22 Question Id : 68634016938 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following fractions is the smallest?

1. $\frac{7}{8}$
2. $\frac{17}{21}$
3. $\frac{15}{19}$
4. $\frac{13}{16}$

Options :

68634066885. 1
68634066886. 2
68634066887. 3
68634066888. 4

Question Number : 22 Question Id : 68634016938 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which of the following fractions is the smallest?

1. $\frac{7}{8}$
2. $\frac{17}{21}$
3. $\frac{15}{19}$
4. $\frac{13}{16}$

Options :

68634066885. 1
68634066886. 2
68634066887. 3
68634066888. 4

Question Number : 23 Question Id : 68634016939 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Three solid cubes of sides 1 cm, 6 cm and 8 cm are melted to form a new cube then the surface area of the cube so formed is

1. 486 cm^2
2. 468 cm^2
3. 488 cm^2
4. 864 cm^2

Options :

68634066889. 1
68634066890. 2
68634066891. 3
68634066892. 4

Question Number : 23 Question Id : 68634016939 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Three solid cubes of sides 1 cm, 6 cm and 8 cm are melted to form a new cube then the surface area of the cube so formed is

1. 486 cm^2
2. 468 cm^2
3. 488 cm^2
4. 864 cm^2

Options :

68634066889. 1
68634066890. 2
68634066891. 3
68634066892. 4

Question Number : 24 Question Id : 68634016940 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The value of $\left(\frac{147\times147+147\times143+143\times143}{147\times147\times147-143\times143\times143}\right)$ is:

1. $\frac{1}{2}$
2. $\frac{1}{10}$
3. $\frac{1}{4}$
4. $\frac{1}{8}$

Options :

68634066893. 1
68634066894. 2
68634066895. 3
68634066896. 4

Question Number : 24 Question Id : 68634016940 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

The value of $\left(\frac{147\times147+147\times143+143\times143}{147\times147\times147-143\times143\times143}\right)$ is:

1. $\frac{1}{2}$
2. $\frac{1}{10}$
3. $\frac{1}{4}$
4. $\frac{1}{8}$

Options :

68634066893. 1
68634066894. 2
68634066895. 3
68634066896. 4

Question Number : 25 Question Id : 68634016941 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

If the equation $\lambda x^2+4x+1=0$ has equal roots, then the value of λ is:

1. 0

2. 1

3. 4

4. 2

Options :
68634066897. 1
68634066898. 2
68634066899. 3
68634066900. 4

Question Number : 25 Question Id : 68634016941 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

If the equation $\lambda x^2+4x+1=0$ has equal roots, then the value of λ is:

1. 0

2. 1

3. 4

4. 2

Options :
68634066897. 1
68634066898. 2
68634066899. 3
68634066900. 4

Part B: Geology Earth Sciences

Section Id :	686340336
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	75
Number of Questions to be attempted :	75
Section Marks :	300
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	686340564
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 26 Question Id : 68634016942 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which one of the following is the most widely used geophysical method for groundwater exploration ?

1. Gravity method
2. magnetic method
3. Radioactive method
4. Electrical Resistivity method

Options :
68634066901. 1
68634066902. 2
68634066903. 3
68634066904. 4

Question Number : 26 Question Id : 68634016942 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन-सी भूभौतिकी पद्धति का भूजल अन्वेषण में सर्वाधिक व्यापक उपयोग किया जाता है।

1. गुरुत्व पद्धति
2. चुम्बकीय पद्धति
3. रेडियोधर्मी पद्धति
4. विद्युत प्रतिरोधकता पद्धती

Options :
68634066901. 1
68634066902. 2
68634066903. 3
68634066904. 4

Question Number : 27 Question Id : 68634016943 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which one of the following is not an example of a recording type of rain gauge ?

1. Tipping bucket rain gauge

2. Weighing type rain gauge

3. Float type rain gauge

4. Symon's rain gauge

Options :
68634066905. 1
68634066906. 2
68634066907. 3
68634066908. 4

Question Number : 27 Question Id : 68634016943 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन सा रिकॉर्डिंग प्रकार के वृष्टि गेज का एक उदाहरण नहीं है।

1. टिप्पिंग बेकट वृष्टि गेज

2. वेईंग प्रकार वृष्टि गेज

3. फ्लोट प्रकार वृष्टि गेज

4. सायमॉन का वृष्टि गेज

Options :
68634066905. 1
68634066906. 2
68634066907. 3
68634066908. 4

Question Number : 28 Question Id : 68634016944 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

In the Darcy's equation Q = KiA, hydraulic gradient is represented by;

1. K

2. A

3. i

4. Q

Options :
68634066909. 1

68634066910. 2
68634066911. 3
68634066912. 4

Question Number : 28 Question Id : 68634016944 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

डार्सी के समीकरण क्यू = के आइ ए (Q = KiA) में द्रवचालित प्रवणता दर्शाई जाती है:

1. के

2. ए

3. आइ

4. क्यू

Options :
68634066909. 1
68634066910. 2
68634066911. 3
68634066912. 4

Question Number : 29 Question Id : 68634016945 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

The rain water falling on the land surface that drains across the land into a stream channel is called :

1. Groundwater flow

2. Baseflow

3. Overland flow

4. Subsurface flow

Options :
68634066913. 1
68634066914. 2
68634066915. 3
68634066916. 4

Question Number : 29 Question Id : 68634016945 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

भूमि सतह पर पड़ने वाले वर्षा जल को जो भूमि पर प्रवाहित होकर एक सरिता चैनल में जाता है उसे _____ कहते हैं।

1. भूजल प्रवाह

2. आधार प्रवाह

3. स्थलोपरि प्रवाह

4. अधः स्तल प्रवाह

Options :
68634066913. 1
68634066914. 2
68634066915. 3
68634066916. 4

Question Number : 30 Question Id : 68634016946 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Arrange the following geological materials in order of increasing capillary rise in them.

A. Fine sand
B. silt
C. coarse snad
D. Fine gravel

Choose the correct answer from the options given below :

1. D, C, A, B

2. A, B, C, D

3. A, D, C, B

4. B, C, A, D

Options :
68634066917. 1
68634066918. 2
68634066919. 3
68634066920. 4

Question Number : 30 Question Id : 68634016946 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

निम्नलिखित भूभौतिकी पदार्थों को उनके बढ़ते केशिका उभार के क्रम में लगाएं।

A. महीन बालू
B. सिल्ट
C. मोटी बालू
D. महीन बजरी

1. D, C, A, B

2. A, B, C, D

3. A, D, C, B

4. B, C, A, D

Options :
68634066917. 1
68634066918. 2
68634066919. 3
68634066920. 4

Question Number : 31 Question Id : 68634016947 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Give below are two statements :
Statement I : Specific retention of a geological material is that % volume of water, which is drained by gravity.
Statement II : Water holding capacity of soil is called Field Capacity.
In the light of the above statements, choose the most appropriate answer from the options given below :

1. Both Statement I and Statement II are correct

2. Both Statement I and Statement II are incorrect

3. Statement I is correct but Statement II is incorrect

4. Statement I is incorrect but Statement II is correct

Options :
68634066921. 1
68634066922. 2
68634066923. 3
68634066924. 4

Question Number : 31 Question Id : 68634016947 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं

कथन I: भूभौतिकी सामग्री की विशिष्ट धारणक्षमता जल के आयतन का वह % है जिसे गुरुत्व द्वारा निष्कासित किया जाता है।

कथन II: मिट्टी कि जलधारण क्षमता को फील्ड क्षमता कहते हैं।

उपरोक्त कथन के आलोक में, नीचे दिये गए विकल्पों में से **सही उत्तर** का चयन कीजिए:

1. कथन **I** और **II** दोनों सत्य हैं
2. कथन **I** और **II** दोनों असत्य हैं
3. कथन **I** सत्य है, लेकिन कथन **II** असत्य है
4. कथन **I** असत्य है, लेकिन कथन **II** सत्य है

Options :
68634066921. 1
68634066922. 2
68634066923. 3
68634066924. 4

Question Number : 32 Question Id : 68634016948 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which one of the following is not a good practice of water management ?

1. Night time irrigation
2. Drip irrigation
3. Building unlined canals
4. Rain water harvesting

Options :
68634066925. 1
68634066926. 2
68634066927. 3
68634066928. 4

Question Number : 32 Question Id : 68634016948 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन सा जल प्रबन्धन का एक अच्छा तरीका नहीं है ?

1. रात्रिकालीन सिचाई
2. ड्रिप सिंचाई
3. कच्ची नहरें बनाना
4. वर्षा जल संचयन

Options :
68634066925. 1
68634066926. 2
68634066927. 3
68634066928. 4

Question Number : 33 Question Id : 68634016949 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which one of the following statements is not true about carbon dioxide ?

1. It is one of the green house gasses.
2. Loss of Co_2 by photosynthesis might have produced the first known Ice Age between 2.2 and 2.4 Ga.
3. The glaciation of Late Ordovician might not have been influenced by the reduction of atmospheric Co_2.
4. Formation of massive deposits of coal led to cooling of the climate.

Options :
68634066929. 1
68634066930. 2
68634066931. 3
68634066932. 4

Question Number : 33 Question Id : 68634016949 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

कार्बन डाइऑक्साइड के बारे में कौन सा निम्नलिखित कथन सही नहीं है ?

1. यह ग्रीन हाउस गैसों में से एक है।
2. प्रकाश संश्लेषण से Co_2 के ह्रास से 2.2 एवं 2.4 Ga के मध्य प्रथम ज्ञात हिम युग शायद उत्पन्न हुआ।
3. पिछले ओर्डोविसियन का हिमानिकरण वायुमंडलीय Co_2 की कमी से प्रभावित नहीं हुआ होगा।
4. कोयले के बृहत् निक्षपों के निर्माण से जलवायु का शीतलन हुआ।

Options :

68634066929. 1
68634066930. 2
68634066931. 3
68634066932. 4

Question Number : 34 Question Id : 68634016950 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which one of the following is the most common fuel used in fuel-cells ?

1. Ethanol
2. Methanol
3. Hydrogen
4. Natural Gas

Options :
68634066933. 1
68634066934. 2
68634066935. 3
68634066936. 4

Question Number : 34 Question Id : 68634016950 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

फ्यूल-सैलों, में प्रयुक्त होने वाला सर्वाधिक सामान्य ईंधन निम्न में से कौन-सा है ?

1. इथेनॉल
2. मेथनॉल
3. हाइड्रोजन
4. प्राकृतिक गैस

Options :
68634066933. 1
68634066934. 2
68634066935. 3
68634066936. 4

Question Number : 35 Question Id : 68634016951 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Give below are two statements : One is labelled as **Assertion A** and the other is labelled as **Reason R** :
Assertion A : Fuel cells generate lesser harmful emissions.
Reason R : Fuel cells directly convert chemical energy in to electricity.
In the light of the above statements, choose the **most appropriate** answer from the options given below :

1. Both **A** and **R** are true and **R** is the correct explanation of **A**

2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**

3. **A** is true but **R** is not false

4. **A** is not false but **R** is true

Options :
68634066937. 1
68634066938. 2
68634066939. 3
68634066940. 4

Question Number : 35 Question Id : 68634016951 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Assertion R) के रूप में;

अभिकथन A: फ्यूल सेलों से कम नुकसानदायक उत्सर्जन होते हैं।

अभिकथन R: फ्यूल सेल सीधे रासायनिक ऊर्जा को बिजली में परिवर्तित कर देते हैं।

उपरोक्त कथन के आलोक में, नीचे दिये गए विकल्पों में से **सही उत्तर** का चयन कीजिए

1. A और R दोनों सत्य हैं और R, A कि सही व्याख्या है

2. A और R दोनों सत्य है, लेकिन R, A की सही व्याख्या नहीं है

3. A सत्य है, लेकिन R असत्य है

4. A असत्य है, लेकिन R सत्य है

Options :
68634066937. 1
68634066938. 2
68634066939. 3
68634066940. 4

Question Number : 36 Question Id : 68634016952 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Give below are two statements :
Statement I : Most of the damage during an earthquake is caused by body-waves.
Statement II : Surface-waves have higher amplitude than body-waves, for the same earthquake.
In the light of the above statements, choose the **most appropriate** answer from the options given below :

1. Both Statement I and Statement II are correct

2. Both Statement I and Statement II are incorrect

3. Statement I is correct but Statement II is incorrect

4. Statement I is incorrect but Statement II is correct

Options :
68634066941. 1
68634066942. 2
68634066943. 3
68634066944. 4

Question Number : 36 Question Id : 68634016952 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I: एक भूकंप के दौरान अधिकतर नुकसान बॉडी - तरंगों के कारण होता है।
कथन II: एक ही भूकंप में सतही-तरगों का आयाम बॉडी-तरगों से अधिक होता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए:

1. कथन I और II दोनों सत्य हैं

2. कथन I और II दोनों असत्य हैं

3. कथन I सत्य है, लेकिन कथन II असत्य है

4. कथन I असत्य है, लेकिन कथन II सत्य है

Options :
68634066941. 1
68634066942. 2
68634066943. 3
68634066944. 4

Question Number : 37 Question Id : 68634016953 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

The Alpine orogeny is the result of collision between _____

1. Eurasian and Indian Plates

2. North-American and South-American Plates.

3. Eurasian and Arabian Plates

4. Eurasian and African Plates

Options :
68634066945. 1
68634066946. 2
68634066947. 3
68634066948. 4

Question Number : 37 Question Id : 68634016953 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

अल्पाइन पर्वतन _____के मध्य टकराव का परिणाम है।

1. यूरेशियन एवं इंडियन प्लेट्स

2. उत्तरी अमेरिका एवं दक्षिण- अमेरिकन प्लेट्स

3. यूरेशियन एवं अरेबियन प्लेट्स

4. यूरेशियन एवं अफ्रीकन प्लेट्स

Options :
68634066945. 1
68634066946. 2
68634066947. 3
68634066948. 4

Question Number : 38 Question Id : 68634016954 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

The Deccan volcanic province in India formed as a result of the movement of Indian Plate over, which one of the following hotspots ?

1. Caroline hotspot

2. Reunion hotspot

3. St.Helena hotspot

4. Hawaii hotspot

Options :
68634066949. 1

68634066950. 2
68634066951. 3
68634066952. 4

Question Number : 38 Question Id : 68634016954 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

भारत में डेक्कन ज्वालामुखीय प्रदेश का निर्माण भारतीय प्लेट के निम्न किस हॉट स्पॉट के ऊपर से गुजरने से हुआ है ?

1. कैरोलीन हॉट स्पॉट
2. रियूनियन हॉट स्पॉट
3. सेंट हेलेना हॉट स्पॉट
4. हवाई हॉट स्पॉट

Options :
68634066949. 1
68634066950. 2
68634066951. 3
68634066952. 4

Question Number : 39 Question Id : 68634016955 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

The Mohorovicic Discontinuity represents_____.

1. Crust-mantle boundary
2. Mantle-core boundary
3. Inner core - outer core boundary
4. Upper mantle - Lower mantle boundary

Options :
68634066953. 1
68634066954. 2
68634066955. 3
68634066956. 4

Question Number : 39 Question Id : 68634016955 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

मोहोरोविसिक असंबद्धता दर्शाती है_____।

1. क्रस्ट-मेंटल सीमा

2. मेंटल-क्रोड सीमा

3. आंतरिक क्रोड-बाह्य क्रोड सीमा

4. ऊपरी मेंटल-निम्न मेंटल सीमा

Options :
68634066953. 1
68634066954. 2
68634066955. 3
68634066956. 4

Question Number : 40 Question Id : 68634016956 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which one of the following statements is not true about the earth's mantle ?

1. Its thickness is about 2900 km

2. It surrounds the core.

3. It is composed of silicate rocks that also contain abundant iron and magnesium.

4. Mantle's density decreases with increasing depth.

Options :
68634066957. 1
68634066958. 2
68634066959. 3
68634066960. 4

Question Number : 40 Question Id : 68634016956 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

पृथ्वी के मेंटल के बारे में निम्नलिखित में से कौन - सा तथ्य सही नहीं है ?

1. इसकी मोटाई लगभग 2900 कि मी है।

2. यह क्रोड के चारों ओर है।

3. यह सिलिकेट शैलों से निर्मित है जिनमें बहुतायत में लोहा और मेग्नेशियम भी पाया जाता है।

4. बढ़ती गहराई के साथ मेंटल का घनत्व कम होता है।

Options :

68634066957. 1
68634066958. 2
68634066959. 3
68634066960. 4

Question Number : 41 Question Id : 68634016957 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Give below are two statements : One is labelled as **Assertion A** and the other is labelled as **Reason R** :
Assertion A : Himalayan Orogen is the result of continental collision.
Reason R : Denser Indian Plate is subducting below the lighter Eurasian Plate.
In the light of the above statements, choose the **most appropriate** answer from the options given below :

1. Both **A** and **R** are true and **R** is the correct explanation of **A**

2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**

3. **A** is true but **R** is not false

4. **A** is not false but **R** is true

Options :
68634066961. 1
68634066962. 2
68634066963. 3
68634066964. 4

Question Number : 41 Question Id : 68634016957 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Assertion R) के रूप में;

अभिकथन A: हिमालय पर्वत की उत्पत्ति महाद्वीपिय टकराव का परिणाम है।

अभिकथन R: अधिक घनत्व की इंडियन प्लेट हल्की युरेशियन प्लेट के नीचे घुस रही है।

उपरोक्त कथन के आलोक में, नीचे दिये गए विकल्पों में से **सही उत्तर** का चयन कीजिए

1. A और R दोनों सत्य हैं और R, A कि सही व्याख्या है

2. A और R दोनों सत्य है, लेकिन R, A की सही व्याख्या नहीं है

3. A सत्य है, लेकिन R असत्य है

4. A असत्य है, लेकिन R सत्य है

Options :
68634066961. 1
68634066962. 2
68634066963. 3
68634066964. 4

Question Number : 42 Question Id : 68634016958 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which one of the following is the best guide for taking - up further mineral exploration activities ?

1. Presence of host-rocks
2. Presence of lineaments
3. Presence of shear-zones
4. Presence of ancient - mine

Options :
68634066965. 1
68634066966. 2
68634066967. 3
68634066968. 4

Question Number : 42 Question Id : 68634016958 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

खनिज अन्वेषण क्रियाओं को ओर आगे बढ़ाने के लिए निम्नलिखित में कौन सर्वोत्तम मार्गदर्शक है ?

1. आतिथेय (host) शैली की उपस्थिति
2. व्युत्पन्न प्रारूपों (लाईनामेंटों) की उपस्थिति
3. शीयर-जोनों की उपस्थिति
4. प्राचीन खदान की उपस्थिति

Options :
68634066965. 1
68634066966. 2
68634066967. 3
68634066968. 4

Question Number : 43 Question Id : 68634016959 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which one of the following geophysical methods is most commonly employed for exploration of oil and gas ?

1. Gravity method

2. Magnetic method

3. Seismic method

4. Radioactive method

Options :
68634066969. 1
68634066970. 2
68634066971. 3
68634066972. 4

Question Number : 43 Question Id : 68634016959 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से तेल एवं गैस की खोज के लिए अत्यधिक सामान्तया अपनाई जाने वाली भूभौतिकी पद्धति कौन-सी है।

1. घनत्व पद्धति

2. चुंम्बकीय पद्धति

3. भूकंपीय पद्धति

4. रेडियोएक्टिव पद्धति

Options :
68634066969. 1
68634066970. 2
68634066971. 3
68634066972. 4

Question Number : 44 Question Id : 68634016960 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

A horizontal tunnel through, which concealed Ore bodies can be accessed is called :

1. A sink

2. A Shaft

3. An Adit

4. A decline

Options :
68634066973. 1

68634066974. 2
68634066975. 3
68634066976. 4

Question Number : 44 Question Id : 68634016960 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

एक क्षैतिज सुरंग जिसके माध्यम से प्रच्छन्न अयस्क पिंडों तक पहुंचा जा सकता है, को कहते हैं:

1. एक सिंक
2. एक साफ्ट
3. एक अडिट
4. एक अधोनति

Options :
68634066973. 1
68634066974. 2
68634066975. 3
68634066976. 4

Question Number : 45 Question Id : 68634016961 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Acid mine Drainage is associated with :

1. Sulfides
2. carbonates
3. granites
4. gemstones

Options :
68634066977. 1
68634066978. 2
68634066979. 3
68634066980. 4

Question Number : 45 Question Id : 68634016961 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

एसिड खदान निष्कासन किससे संबंधित है:

1. सल्फाईड्स

2. कोर्बोनेट्स

3. ग्रेनाईट्स

4. जेमस्टोन्स

Options :

68634066977. 1
68634066978. 2
68634066979. 3
68634066980. 4

Question Number : 46 Question Id : 68634016962 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Give below are two statements :
Statement I : Rocks of the Kaladgi Group rest unconformably upon the peninsular Gneissic complex.
Statement II : Deccan Traps unconformably lie over the rocks of the Kaladgi Group.
In the light of the above statements, choose the **most appropriate** answer from the options given below :

1. Both Statement I and Statement II are correct

2. Both Statement I and Statement II are incorrect

3. Statement I is correct but Statement II is incorrect

4. Statement I is incorrect but Statement II is correct

Options :

68634066981. 1
68634066982. 2
68634066983. 3
68634066984. 4

Question Number : 46 Question Id : 68634016962 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I: कालाडगी समूह की शैलें असंगत रूप में प्रायद्वीप नाइसिक संकुल पर टिकी हैं।

कथन II: डेक्कन ट्रैप्स असंगत तौर पर कालाडगी समूह की शैलों पर टिके हैं।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए:

1. कथन I और II दोनों सत्य हैं

2. कथन I और II दोनों असत्य हैं

3. कथन I सत्य है, लेकिन कथन II असत्य है

4. कथन I असत्य है, लेकिन कथन II सत्य है

Options :
68634066981. 1
68634066982. 2
68634066983. 3
68634066984. 4

Question Number : 47 Question Id : 68634016963 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Match List I with List II

LIST I		LIST II	
A.	Biostratigraphy	I.	Magnetic polarity
B.	Magnetostratigraphic	II.	Relative stratigraphic positions of rocks.
C.	Lithostratigraphy	III.	Differences in mineralogical and chemical
D.	Chemostratigraphy	IV.	Fossiliferous beds.

Choose the correct answer from the options given below:

1. A-II , B-III , C-IV , D-I

2. A-IV , B-I , C-II , D-III

3. A-I , B-III , C-II , D-IV

4. A-III , B-II , C-IV , D-I

Options :
68634066985. 1
68634066986. 2
68634066987. 3
68634066988. 4

Question Number : 47 Question Id : 68634016963 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

सूची I का सूची II से मिलान कीजिए

सूची I		सूची II	
A.	बायोस्ट्रटिग्राफी	I.	चुंबकीय ध्रुवीयता
B.	मैग्नेटोस्ट्रटिग्राफी	II.	शैलों की सापेक्ष स्ट्रटिग्राफिक स्थिति
C.	लिथोस्ट्रटिग्राफी	III.	अवसादी शैलों की खनिजिय एवं रासायनिक विशेषताओं में विभिन्नता
D.	केमोस्ट्रटिग्राफी	IV.	जीवाश्मी संस्तर

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-II , B-III , C-IV , D-I

2. A-IV , B-I , C-II , D-III

3. A-I , B-III , C-II , D-IV

4. A-III , B-II , C-IV , D-I

Options :
68634066985. 1
68634066986. 2
68634066987. 3
68634066988. 4

Question Number : 48 Question Id : 68634016964 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which one of the following statements is not true about the Bagh beds ?

1. They are composed of volcanic rocks

2. They overlie the Archaean gneisses

3. They are of cretaceous age.

4. They consist of unfossiliferous sandstones and fossiliferous limestones.

Options :
68634066989. 1
68634066990. 2
68634066991. 3
68634066992. 4

Question Number : 48 Question Id : 68634016964 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

बाग बेड्स के बारे में निम्नलिखित कथनों में कौन सा सत्य नहीं है ?

1. वे ज्वालामुखी शैलों से निर्मित हैं।

2. वे अर्कियन नीस के ऊपर टिकें हैं।

3. वे क्रिटेशस समय के हैं।

4. वे अनफॉसिलिफेरस बलुआपत्थरों तथा फॉसिलिफेरस चूना पत्थरों से बने हैं।

Options :
68634066989. 1
68634066990. 2
68634066991. 3
68634066992. 4

Question Number : 49 Question Id : 68634016965 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which one of the following is an example for microfossils ?

1. Trilobites

2. Brachiopods

3. Ostracoda

4. Echinoids

Options :
68634066993. 1
68634066994. 2
68634066995. 3
68634066996. 4

Question Number : 49 Question Id : 68634016965 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन सा लघु जीवाश्मों का एक उदाहरण है?

1. ट्राइलोबाइटस

2. ब्राचिओपोड्स

3. ओस्ट्राकोडा

4. इचिनोयड्स

Options :

68634066993. 1
68634066994. 2
68634066995. 3
68634066996. 4

Question Number : 50 Question Id : 68634016966 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which one of the following statements is not true about the Trilobites ?

1. Their abundance peaked during the Upper Cambrian
2. They disappeared in the Permian
3. There were exclusively fresh-water species.
4. Their dorsal carapace has tripartite subdivisions.

Options :
68634066997. 1
68634066998. 2
68634066999. 3
68634067000. 4

Question Number : 50 Question Id : 68634016966 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

ट्राइलोबाइटस के बारे में कौन सा निम्नलिखित कथन सही नहीं है?

1. उनकी प्रचुरता अपर कैम्ब्रियन के दौरान चरम पर थी।
2. वे परमियन में समाप्त हो गए।
3. वे पूर्णतया स्वच्छजल प्रजातियां थी।
4. उनके अपाक्ष पृष्ठकर्म में त्रिकोणिय उपप्रभाग हैं।

Options :
68634066997. 1
68634066998. 2
68634066999. 3
68634067000. 4

Question Number : 51 Question Id : 68634016967 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

What are chelating agents ?

1. Organic chemicals that bind to metals to produce soluble metallic-organic complexes
2. Clumps of soils separating planes of weaknesses such as shrinkage, cracks, roots and burrows.
3. Concretions of mineral matter
4. Thin layers of altered rocks.

Options :
68634067001. 1
68634067002. 2
68634067003. 3
68634067004. 4

Question Number : 51 Question Id : 68634016967 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

कीलेटिय कर्मक क्या हैं?

1. कार्बनिक रसायन जो विलेय धातु- कार्बनिक कॉम्प्लेक्सो के उत्पादन के लिए खनिजों से जुडते हैं।
2. मिटटी के क्लंपस जो कमजोर तलों जैसे सिकुड़नों, दरारों, जड़ों तथा बिलों को अलग करते हैं।
3. खनिज पदार्थ के ठोस
4. परिवर्तित शैलों की पतली परतें

Options :
68634067001. 1
68634067002. 2
68634067003. 3
68634067004. 4

Question Number : 52 Question Id : 68634016968 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

In general granular disintegration and spallation of rocks are caused by :

1. Frost cracking
2. Compressional tectonic
3. Sheeting joints
4. Thermal stress and strain

Options :
68634067005. 1

68634067006. 2
68634067007. 3
68634067008. 4

Question Number : 52 Question Id : 68634016968 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

सामान्तया कणिकीय विखंडन एवं उत्खंडन निम्नलिखित के कारण से होती है :

1. पाले से टूटना
2. सम्पीडनात्मक विर्वतनिक
3. शीटिंग संधियां
4. तापीय दबाव एवं तनाव

Options :
68634067005. 1
68634067006. 2
68634067007. 3
68634067008. 4

Question Number : 53 Question Id : 68634016969 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which of the following is not correct ?

1. Laminar flows have Reynolds number less than 500
2. Turbulent flows Reynolds number greater than 2000
3. Most of the natural river systems have Reynolds number between 500 and 2000.
4. Reynolds number is the ratio of viscous stresses to turbulent stresses.

Options :
68634067009. 1
68634067010. 2
68634067011. 3
68634067012. 4

Question Number : 53 Question Id : 68634016969 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में कौन सही नहीं है?

1. लेमिनर प्रवाहों में रेनोल्ड्स संख्या 500 से कम होती है।

2. प्रक्षुब्ध प्रवाहों में रेनोल्ड्स संख्या 2000 से अधिक होती है।

3. अधिकांश प्राकृतिक नदी तंत्रों में रेनोल्ड्स संख्या 500 से 2000 के मध्य होती है।

4. रेनोल्ड्स संख्या श्यान दबावों का प्रक्षुब्ध दबावों से अनुपात है।

Options :
68634067009. 1
68634067010. 2
68634067011. 3
68634067012. 4

Question Number : 54 Question Id : 68634016970 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Give below are two statements : One is labelled as **Assertion A** and the other is labelled as **Reason R** :
Assertion A : Symmetrical wave ripples generally do not migrate.
Reason R : The near bed orbital velocities are symmetrical.
In the light of the above statements, choose the **most appropriate** answer from the options given below :

1. Both **A** and **R** are correct and **R** is the correct explanation of **A**

2. Both **A** and **R** are correct but **R** is NOT the correct explanation of **A**

3. **A** is correct but **R** is not correct

4. **A** is not correct but **R** is correct

Options :
68634067013. 1
68634067014. 2
68634067015. 3
68634067016. 4

Question Number : 54 Question Id : 68634016970 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Assertion R) के रूप में;

अभिकथन A: सममित लहर तरंगें सामान्तया अभिगमन नहीं करती हैं।

अभिकथन R: तल के पास कक्षीय वेग सममित होते हैं।

उपरोक्त कथन के आलोक में, नीचे दिये गए विकल्पों में से सही उत्तर का चयन कीजिए

1. A और R दोनों सत्य हैं और R, A कि सही व्याख्या है

2. A और R दोनों सत्य है, लेकिन R, A की सही व्याख्या नहीं है

3. A सत्य है, लेकिन R असत्य है

4. A असत्य है, लेकिन R सत्य है

Options :

68634067013. 1
68634067014. 2
68634067015. 3
68634067016. 4

Question Number : 55 Question Id : 68634016971 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

In Newtonian fluids there exists _____relation between the shear stress acting on a parcel of fluid and the shear strain of that fluid.

1. exponential

2. linear

3. non-linear

4. cubic

Options :

68634067017. 1
68634067018. 2
68634067019. 3
68634067020. 4

Question Number : 55 Question Id : 68634016971 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

न्युटोनीयन तरलों में तरल के एक पार्सल पर कार्यरत शीयर दबाव तथा उस तरल के शीयर तनाव के मध्य संबंध _____ है।

1. घातीय

2. रेखीय

3. गैर-रेखीय

4. घनीय

Options :
68634067017. 1
68634067018. 2
68634067019. 3
68634067020. 4

Question Number : 56 Question Id : 68634016972 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

While climbing up valleys, occupied by glaciers, one has to climb up against the wind. What these winds are called ?

1. Trade winds

2. Katabatic winds

3. Westerly wind

4. monsoonal winds

Options :
68634067021. 1
68634067022. 2
68634067023. 3
68634067024. 4

Question Number : 56 Question Id : 68634016972 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

हिमानी वाली घाटियों में ऊपर चढ़ते समय किसी को पवनों के विपरीत चढ़ना पड़ता है। इन पवनों को क्या कहते हैं?

1. व्यापारिक पवनें
2. कैटाबेटिक पवनें
3. पछवा पवनें
4. मानसून पवनें

Options :
68634067021. 1
68634067022. 2
68634067023. 3
68634067024. 4

Question Number : 57 Question Id : 68634016973 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

According to Big Bang theory, the universe formed at _____billion years ago.

1. 11.7
2. 13.7
3. 15.7
4. 17.7

Options :
68634067025. 1
68634067026. 2
68634067027. 3
68634067028. 4

Question Number : 57 Question Id : 68634016973 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

"बिग बैंग थ्योरी" के अनुसार विश्व का _____ बिलियन वर्ष पहले निर्माण हुआ।

1. 11.7
2. 13.7
3. 15.7
4. 17.7

Options :
68634067025. 1

68634067026. 2
68634067027. 3
68634067028. 4

Question Number : 58 Question Id : 68634016974 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Read the following Statements :

A. The average density of our planet is nearly similar to the density of the common rocks found on the surface.
B. Mass of the overall Earth is so great that the planet must contain metal.
C. Metal in the Earth is concentrated towards its exterior.
D. If the metal in the Earth would have concentrated at its centers, centrifugal force due to the spin of the Earth on its axis would have pulled the equator out, and planet would have become a disk.

Choose the correct answer from the options given below :

1. A Only

2. B Only

3. C Only

4. D Only

Options :
68634067029. 1
68634067030. 2
68634067031. 3
68634067032. 4

Question Number : 58 Question Id : 68634016974 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

निम्नलिखित कथन का पठन करें

A. हमारे ग्रह का ओसत घनत्व सतह पर पाए जाने वाली सामान्य शैलों के घनत्व के लगभग समान है।
B. सम्पूर्ण पृथ्वी का द्रव्यमान इतना अधिक है कि ग्रह में धातु अवश्य होनी चाहिए।
C. पृथ्वी में धातु उसके बाहरी हिस्से की तरफ केन्द्रित हैं।
D. यदि धातु पृथ्वी के केंद्र में केन्द्रित होती तो पृथ्वी के अक्ष पर घुमने के कारण अपकेन्द्रीय शक्ति से भूमध्यरेखा को बाहर की ओर धकेलती और ग्रह एक डिस्क बन गया होता।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. केवल A

2. केवल B

3. केवल C

4. केवल D

Options :
68634067029. 1
68634067030. 2
68634067031. 3
68634067032. 4

Question Number : 59 Question Id : 68634016975 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Give below are two statements : One is labelled as **Assertion A** and the other is labelled as **Reason R** :
Assertion A : The outer core consists of liquid iron alloy.
Reason R : It can exist as liquid because the pressure in the outer core is very high.
In the light of the above statements, choose the **most appropriate** answer from the options given below :

1. Both **A** and **R** are true and **R** is the correct explanation of **A**

2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**

3. **A** is true but **R** is not false

4. **A** is not false but **R** is true

Options :
68634067033. 1
68634067034. 2
68634067035. 3
68634067036. 4

Question Number : 59 Question Id : 68634016975 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Assertion R) के रूप में;

अभिकथन A: बाह्य क्रोड तरल लौह एलॉय से बना है।

अभिकथन R:यह तरल रूप मे विद्यमान रह सकता है क्योंकि बाह्य क्रोड में दबाव अत्यधिक है।

उपरोक्त कथन के आलोक में, नीचे दिये गए विकल्पों में से सही उत्तर का चयन कीजिए

1. A और R दोनों सत्य हैं और R, A कि सही व्याख्या है

2. A और R दोनों सत्य है, लेकिन R, A की सही व्याख्या नहीं है

3. A सत्य है, लेकिन R असत्य है

4. A असत्य है, लेकिन R सत्य है

Options :
68634067033. 1
68634067034. 2
68634067035. 3
68634067036. 4

Question Number : 60 Question Id : 68634016976 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Formation of Moon occurred between_____.

1. 4.6-4.3 Ga

2. 3.6-3.3 Ga

3. 4.3-3.9 Ga

4. 3.0-2.7 Ga

Options :
68634067037. 1
68634067038. 2
68634067039. 3
68634067040. 4

Question Number : 60 Question Id : 68634016976 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

चन्द्रमा का उद्भव_____ के मध्य हुआ।

1. 4.6 - 4.3 जीए

2. 3.6-3.3 जीए

3. 4.3-3.9 जीए

4. 3.0-2.7 जीए

Options :
68634067037. 1
68634067038. 2
68634067039. 3
68634067040. 4

Question Number : 61 Question Id : 68634016977 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Read the following statements. Which of these statements are correct :

A. P and S waves are body waves.
B. Love and Rayleigh waves are body waves.
C. Displacement in P waves are in the direction of propagation.
D. Displacement in shear waves are perpendicular to the direction of propagration.
E. P and S waves are surface waves.

Choose the correct answer from the options given below :

1. A and C Only

2. B and E Only

3. A, C and D Only

4. B, D and E Only

Options :
68634067041. 1
68634067042. 2
68634067043. 3
68634067044. 4

Question Number : 61 Question Id : 68634016977 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

निम्नलिखित कथन को पढ़ें कौन से कथन सही हैं

A. पी एवं एस तरंगें बॉडी तरंगें हैं।
B. लव एवं रेले तरंगें बॉडी तरंगें हैं।
C. पी तरंगों में विस्थापन प्रसारण की दिशा में होता है।
D. शीयर तरंगों में विस्थापन प्रसारण की दिशा के लम्बवत होता है।
E. पी एवं एस तरंगें सतही तरंगें हैं।

1. A and C Only

2. B and E Only

3. A, C and D Only

4. B, D and E Only

Options :
68634067041. 1
68634067042. 2
68634067043. 3
68634067044. 4

Question Number : 62 Question Id : 68634016978 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which of the following is not a volcanic product ?

1. Sinter

2. Doline

3. Lapilli

4. Aa

Options :
68634067045. 1
68634067046. 2
68634067047. 3
68634067048. 4

Question Number : 62 Question Id : 68634016978 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन सा एक ज्वालामुखी उत्पाद नहीं है?

1. सिंटर

2. डोलाइन

3. लैपिली

4. आ

Options :

68634067045. 1
68634067046. 2
68634067047. 3
68634067048. 4

Question Number : 63 Question Id : 68634016979 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Match List I with List II

	LIST I (Type of Landform equilibrium)		**LIST II (Timescale on which it operates)**
A.	Dynamic equilibrium	I.	10^{7} yrs
B.	Steady-state equilibrium	II.	10^{-3} yr
C.	Static equilibrium	III.	10^{3} yrs
D.	Decay equilibrium	IV.	10 yrs

Choose the correct answer from the options given below:

1. A-I , B-IV , C-II, D-III

2. A-III , B-II , C-IV , D-I

3. A-III , B-I , C-II , D-IV

4. A-III , B-IV , C-II , D-I

Options :

68634067049. 1
68634067050. 2
68634067051. 3
68634067052. 4

Question Number : 63 Question Id : 68634016979 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

सूची I का सूची II से मिलान कीजिए

सूची I (भूआकृति संतुलन का प्रकार)		सूची II (समय पैमाना जिस पर यह कार्य करता है)	
A.	गतिक संतुलन	I.	10^7 yrs
B.	स्टेडी-स्टेट संतुलन	II.	10^{-3} yr
C.	स्थैतिक सन्तुलन	III.	10^3 yrs
D.	क्षय संतुलन	IV.	10 yrs

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-I , B-IV , C-II, D-III

2. A-III , B-II , C-IV , D-I

3. A-III , B-I , C-II , D-IV

4. A-III , B-IV , C-II , D-I

Options :
68634067049. 1
68634067050. 2
68634067051. 3
68634067052. 4

Question Number : 64 Question Id : 68634016980 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

In general, magnitude - frequency curves are

1. right skewed

2. left skewed

3. symmetrical

4. linear

Options :
68634067053. 1
68634067054. 2
68634067055. 3
68634067056. 4

Question Number : 64 Question Id : 68634016980 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

सामान्तयत: परिणाम - आवृति वक्र_____ हैं।

1. दाएं विषम

2. बाएं विषम

3. सममित

4. रेखीय

Options :

68634067053. 1
68634067054. 2
68634067055. 3
68634067056. 4

Question Number : 65 Question Id : 68634016981 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Give below are two statements :
Statement I : Storm surges are generated by combined effects of low atmospheric pressure and very high wind speeds.
Statement II : The largest storm surges are produced when winds are blowing towards coastal embayments and they are accentuated if they coincide with high tides.
In the light of the above statements, choose the **most appropriate** answer from the options given below :

1. Both Statement I and Statement II are correct

2. Both Statement I and Statement II are incorrect

3. Statement I is correct but Statement II is incorrect

4. Statement I is incorrect but Statement II is correct

Options :

68634067057. 1
68634067058. 2
68634067059. 3
68634067060. 4

Question Number : 65 Question Id : 68634016981 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I: तूफानी महोर्मियां निम्न वायुदाब तथा अत्यधिक पवन वेगों के सम्मिलित प्रभावों द्वारा उत्पन्न होती हैं।

कथन II: बृहतम् तूफानी महोर्मि तब उत्पन्न होतीं हैं जब पवनें तटीय लघुखाड़ियों की तरफ प्रवाहित होती हैं तथा इनकी प्रबलता बढ़ती है यदि वे उच्च ज्वार के साथ घटित होती हैं।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए:

1. कथन I और II दोनों सत्य हैं
2. कथन I और II दोनों असत्य हैं
3. कथन I सत्य है, लेकिन कथन II असत्य है
4. कथन I असत्य है, लेकिन कथन II सत्य है

Options :
68634067057. 1
68634067058. 2
68634067059. 3
68634067060. 4

Question Number : 66 Question Id : 68634016982 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Give below are two statements :
Statement I : Disconformity is used for unconformities at which strata were deposited on a basement of older crystalline rocks.
Statement II : At a nonconformity, beds of the rock sequence above and below the unconformity are parallel to one another, but there is a measurable age difference between the two sequences.

In the light of the above statements, choose the **most appropriate** answer from the options given below :

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :
68634067061. 1
68634067062. 2
68634067063. 3
68634067064. 4

Question Number : 66 Question Id : 68634016982 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I: जहां संस्तर पुरानी क्रिस्टलीकृत शैलों पर निक्षेपित होते है वहां विषम विन्यास के लिए असंगति का प्रयोग किया जाता है।

कथन II: एक असंगति पर असंगति के ऊपर तथा नीचे शैल क्रम परतें एक दुसरे के समानांतर होती हैं, किन्तु दो क्रमों के मध्य मापने योग्य आयु अंतर होता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए:

1. कथन I और II दोनों सत्य हैं
2. कथन I और II दोनों असत्य हैं
3. कथन I सत्य है, लेकिन कथन II असत्य है
4. कथन I असत्य है, लेकिन कथन II सत्य है

Options :
68634067061. 1
68634067062. 2
68634067063. 3
68634067064. 4

Question Number : 67 Question Id : 68634016983 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Match List I with List II

LIST I (Type of fold)		LIST II (Description)	
A.	Recumbent	I.	The hinges are sharp and angular
B.	Chevron	II.	Crest is broad and flat; two hinges are present, one on either side of the flat crest.
C.	Overturned	III.	Axial plane is essentially horizontal.
D.	Box	IV.	Axial plane is inclined and both limbs dip in same direction, usually at different angles.

Choose the correct answer from the options given below:

1. A-IV , B-I , C-III , D-II
2. A-III , B-IV , C-I , D-II
3. A-III , B-I , C-IV , D-II
4. A-IV , B-I , C-II , D-III

Options :
68634067065. 1

68634067066. 2
68634067067. 3
68634067068. 4

Question Number : 67 Question Id : 68634016983 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

सूची I का सूची II से मिलान कीजिए

सूची I (वलन के प्रकार)		सूची II (विवरण)	
A.	शयान	I.	हिंज तीखे एवं कोणीय होते हैं।
B.	शेवरॉन	II.	शीर्ष विस्तृत एवं समतल है,दो हिंज होते हैं समतल शीर्ष के दोनों तरफ एक - एक ।
C.	प्रतिवलन	III.	अक्षीय तल अनिवार्यतः क्षैतिज है।
D.	बॉक्स	IV.	अक्षीय तल झुका होता है और दोनों भुजाएं सामान्तया भिन्न-भिन्न कोणों पर समान दिशा में झुकी होती हैं।

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-IV , B-I , C-III , D-II

2. A-III , B-IV , C-I , D-II

3. A-III , B-I , C-IV , D-II

4. A-IV , B-I , C-II , D-III

Options :
68634067065. 1
68634067066. 2
68634067067. 3
68634067068. 4

Question Number : 68 Question Id : 68634016984 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

What is Klippe ?

1. Where erosion cuts a hole through a thrust sheet exposing the footwall.

2. An isolated remnant of a thrust sheet surrounded by exposures of the footwall.

3. The point on a map or cross section where a fault intersects a pre-existing contact.

4. An area surrounded by hills.

Options :
68634067069. 1

68634067070. 2
68634067071. 3
68634067072. 4

Question Number : 68 Question Id : 68634016984 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

क्लिप्पे क्या है?

1. जहां अपरदन एक थ्रस्ट शीट में छेद कर निचली दीवार को अनाकृत करता है।
2. एक थ्रस्ट शीट का एकाकी अवशिष्ठ जो निचली दीवार के अनावृतों से घिरा होता है।
3. एक मानचित्र अथवा अनुप्रस्थ काट में बिंदु जहाँ एक भ्रंश पूर्वस्थित जगह पर काटता है।
4. पहाड़ियों से घिरा एक क्षेत्र

Options :
68634067069. 1
68634067070. 2
68634067071. 3
68634067072. 4

Question Number : 69 Question Id : 68634016985 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Give below are two statements : One is labelled as **Assertion A** and the other is labelled as **Reason R** :
Assertion A : Listric faults have decreasing dip with depth.
Reason R : The fracturing that accompanies fault displacement creates an open space within the fault zone for fluid to enter. Because of the increase in open space, fluid pressure in the fault zone temporarily drops relative to the surrounding rock.
In the light of the above statements, choose the **most appropriate** answer from the options given below :

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

Options :
68634067073. 1
68634067074. 2
68634067075. 3
68634067076. 4

Question Number : 69 Question Id : 68634016985 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Assertion R) के रूप में;

अभिकथन A: लिस्ट्रिक भ्रंशों में गहराई के साथ नति कम होती है।

अभिकथन R: वह विभंजन जो भ्रंश प्रतिस्थापन्न के साथ होता है वह तरल को प्रवेश हेतु भ्रंश क्षेत्र में खुले स्थान का निर्माण करता है। खुले स्थल की वृद्धि के कारण, आसपास की शैलों की तुलना में अस्थायी तौर पर भ्रंश स्थल में तरल का दबाव कम हो जाता है।

उपरोक्त कथन के आलोक में, नीचे दिये गए विकल्पों में से **सही उत्तर** का चयन कीजिए

1. A और R दोनों सत्य हैं और R, A कि सही व्याख्या है
2. A और R दोनों सत्य है, लेकिन R, A की सही व्याख्या नहीं है
3. A सत्य है, लेकिन R असत्य है
4. A असत्य है, लेकिन R सत्य है

Options :

68634067073. 1
68634067074. 2
68634067075. 3
68634067076. 4

Question Number : 70 Question Id : 68634016986 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Match List I with List II

	LIST I (Technique)		LIST II (Method)
A.	Linear contrast enhancement	I.	Histogram equalization
B.	Non-linear contrast enhancement	II.	Adaptive filter
C.	Convolution filter	III.	Median filter
D.	Statistical filter	IV.	Saturation stretch

Choose the correct answer from the options given below:

1. A-IV , B-II , C-III , D-I
2. A-IV , B-I , C-II , D-III
3. A-III , B-IV , C-II , D-I
4. A-III , B-I , C-II , D-IV

Options :

68634067077. 1
68634067078. 2
68634067079. 3

68634067080. 4

Question Number : 70 Question Id : 68634016986 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

सूची I का सूची II से मिलान कीजिए

	सूची I तकनीक		सूची II विधि
A.	रेखीय विभेद वृद्धि	I.	हिस्टोग्राम संतुलन
B.	गैर - रेखीय विभेद वृद्धि	II.	एडेप्टीव फिल्टर
C.	कन्वोलुशन फिल्टर	III.	मीडियन फिल्टर
D.	सांख्यिकी फिल्टर	IV.	सेचुरेशन स्ट्रेच

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-IV , B-II , C-III , D-I

2. A-IV , B-I , C-II , D-III

3. A-III , B-IV , C-II , D-I

4. A-III , B-I , C-II , D-IV

Options :
68634067077. 1
68634067078. 2
68634067079. 3
68634067080. 4

Question Number : 71 Question Id : 68634016987 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Those areas of the electromagnetic spectrum which are not severely influenced by atmospheric absorption and are useful to remote sensors are called :

1. Green house zone

2. Atmospheric windows

3. UV zone

4. Atmospheric strimmer

Options :
68634067081. 1
68634067082. 2
68634067083. 3
68634067084. 4

Question Number : 71 Question Id : 68634016987 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

विद्युत चुम्बकीय स्पेक्ट्रम के वे क्षेत्र जो वायुमंडलीय अवशोषण से गंभीरता से प्रभावित नहीं होते हैं एवं रिमोट संवेदकों के लिए उपयोगी होते हैं उन्हें _____ कहते हैं।

1. ग्रीन हाउस जोन
2. वायुमंडलीय खिड़कियां
3. यूवी जोन
4. वायुमंडलीय स्ट्रिम्मर

Options :
68634067081. 1
68634067082. 2
68634067083. 3
68634067084. 4

Question Number : 72 Question Id : 68634016988 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

When was Chandrayan-1 launched ?

1. 22 October 2008
2. 20 April 2009
3. 23 September 2009
4. 12 July 2010

Options :
68634067085. 1
68634067086. 2
68634067087. 3
68634067088. 4

Question Number : 72 Question Id : 68634016988 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

चन्द्रयान-I कब छोड़ा गया था?

1. 22 अक्तूबर, 2008

2. 20 अप्रैल, 2008

3. 23 सितम्बर, 2009

4. 12 जुलाई, 2010

Options :
68634067085. 1
68634067086. 2
68634067087. 3
68634067088. 4

Question Number : 73 Question Id : 68634016989 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Give below are two statements :
Statement I : Bilinear interpolation helps in reducing stair-step effect caused by the nearest - neighbor resampling.
Statement II : Cubic convolution helps in reducing stair-step effect caused by the nearest-neighbor resampling and image looks smoother then bilinear interpolation.
In the light of the above statements, choose the **most appropriate** answer from the options given below :

1. Both Statement I and Statement II are correct

2. Both Statement I and Statement II are incorrect

3. Statement I is correct but Statement II is incorrect

4. Statement I is incorrect but Statement II is correct

Options :
68634067089. 1
68634067090. 2
68634067091. 3
68634067092. 4

Question Number : 73 Question Id : 68634016989 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I: द्विरैखीय अंतर्वेशन निकटतम - प्रतिवेशी पुनः प्रतिचयन द्वारा हुए सोपनीय (stair - step) प्रभाव को कम करने में सहायता करता है।

कथन II: घनीय संवलन निकटतम - प्रतिवेशी पुनः प्रतिचयन द्वारा उत्पन्न सोपनीय प्रभाव को कम करने में सहायता करता है तथा प्रतिबिम्ब द्विरैखीय अंतर्वेशन से बेहतर दिखाई देता है।

1. कथन I और II दोनों सत्य हैं
2. कथन I और II दोनों असत्य हैं
3. कथन I सत्य है, लेकिन कथन II असत्य है
4. कथन I असत्य है, लेकिन कथन II सत्य है

Options :
68634067089. 1
68634067090. 2
68634067091. 3
68634067092. 4

Question Number : 74 Question Id : 68634016990 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

The amount of matrix in a sedimentary rock is between 15% - 75% , will be called as_____.

1. arenite
2. mudrock
3. wacke
4. arenaceous

Options :
68634067093. 1
68634067094. 2
68634067095. 3
68634067096. 4

Question Number : 74 Question Id : 68634016990 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

एक अवसादी शैल में मैट्रिक्स मात्रा 15 % - 75 % के मध्य है, इसे कहा जाएगा_____.

1. अरेनाइट

2. मडरॉक

3. वाके

4. बालुकामय

Options :
68634067093. 1
68634067094. 2
68634067095. 3
68634067096. 4

Question Number : 75 Question Id : 68634016991 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Match List I with List II

LIST I		LIST II	
A.	Proterozoic	I.	Katrol Formation
B.	Carboniferous	II.	Delhi supergroup
C.	Jurassic	III.	Fenestella shale
D.	Tertiary	IV.	Siwaliks

Choose the correct answer from the options given below:

1. A-I , B-III , C-II , D-IV

2. A-II , B-III , C-I , D-IV

3. A-II , B-III , C-IV , D-I

4. A-IV , B-III , C-II , D-I

Options :
68634067097. 1
68634067098. 2
68634067099. 3
68634067100. 4

Question Number : 75 Question Id : 68634016991 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

सूची I का सूची II से मिलान कीजिए

सूची I		सूची II	
A.	प्रोटेरोजोइक	I.	कटरोल निर्माण
B.	कार्बोनिफेरस	II.	दिल्ली सुपरग्रुप
C.	जुरासिक	III.	फेनेस्टेल्ला शेल
D.	टरशियरी	IV.	शिवालिकस

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-I , B-III , C-II , D-IV

2. A-II , B-III , C-I , D-IV

3. A-II , B-III , C-IV , D-I

4. A-IV , B-III , C-II , D-I

Options :
68634067097. 1
68634067098. 2
68634067099. 3
68634067100. 4

Question Number : 76 Question Id : 68634016992 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Sorting and grain orientation within sediment deposit have a strong influence on_____.

1. Porosity

2. Permeability

3. Hydraulic conductivity

4. Porosity and Permeability

Options :
68634067101. 1
68634067102. 2
68634067103. 3
68634067104. 4

Question Number : 76 Question Id : 68634016992 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

अवसाद निक्षेप में श्रेणीकरण तथा कण विन्यास का _____ पर गहरा प्रभाव होता है।

1. संरध्रता

2. पारगम्यता

3. जलीय चालकता

4. संरध्रता एवं पारगम्यता

Options :
68634067101. 1
68634067102. 2
68634067103. 3
68634067104. 4

Question Number : 77 Question Id : 68634016993 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which of the following class is both hemimorphic as well as enantiomorphic ?

1. Gyroidal

2. Pedial

3. Spheroidal

4. Pinacoidal

Options :
68634067105. 1
68634067106. 2
68634067107. 3
68634067108. 4

Question Number : 77 Question Id : 68634016993 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में कौन दोनों हेमिमोर्फिक के साथ-साथ इनटियोमोर्फिक वर्ग का है।

1. गिरोइडल

2. पेडियल

3. स्फेनोइडल

4. पिनाकोइडल

Options :

68634067105. 1
68634067106. 2
68634067107. 3
68634067108. 4

Question Number : 78 Question Id : 68634016994 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Give below are two statements :
Statement I : Triclinic system has both centre of symmetry, plane of symmetry and axis of symmetry.
Statement II : Triclinic system can display centre of symmetry.
In the light of the above statements, choose the **most appropriate** answer from the options given below :

1. Both Statement I and Statement II are correct

2. Both Statement I and Statement II are incorrect

3. Statement I is correct but Statement II is incorrect

4. Statement I is incorrect but Statement II is correct

Options :
68634067109. 1
68634067110. 2
68634067111. 3
68634067112. 4

Question Number : 78 Question Id : 68634016994 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I: त्रिनताक्ष तंत्र में केंद्र की सममिति, तल की सममिति तथा अक्ष की सममिति दोनों होते हैं।

कथन II: त्रिनताश तंत्र सममिति का केंद्र दर्शा सकता हैं।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए:

1. कथन I और II दोनों सत्य हैं

2. कथन I और II दोनों असत्य हैं

3. कथन I सत्य है, लेकिन कथन II असत्य है

4. कथन I असत्य है, लेकिन कथन II सत्य है

Options :
68634067109. 1
68634067110. 2
68634067111. 3

68634067112. 4

Question Number : 79 Question Id : 68634016995 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which of the following crystal system has three unequal axes intersecting at oblique angles ?

1. Orthorhombic
2. Triclinic
3. Monoclinic
4. Tetragonal

Options :
68634067113. 1
68634067114. 2
68634067115. 3
68634067116. 4

Question Number : 79 Question Id : 68634016995 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

निम्नलिखित किस क्रिस्टल प्रणाली में तीन असमान अक्ष तिर्यक कोणों में प्रतिच्छेद करते हैं ?

1. ओर्थोरोम्बिक
2. ट्रिक्लिनिक
3. मोनोक्लिनिक
4. टेट्रागोनल

Options :
68634067113. 1
68634067114. 2
68634067115. 3
68634067116. 4

Question Number : 80 Question Id : 68634016996 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

In Hornblende cleavages intersect at angles of _____.

1. 56^0 and 124^0

2. 64^0 and 116^0

3. 87^0 and 103^0

4. 70^0 and 120^0

Options :
68634067117. 1
68634067118. 2
68634067119. 3
68634067120. 4

Question Number : 80 Question Id : 68634016996 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

होर्नब्लेंड में विदलन _____ कोणों पर प्रतिच्छेदन करते हैं ।

1. 56^0 एवं 124^0

2. 64^0 एवं 116^0

3. 87^0 एवं 103^0

4. 70^0 एवं 120^0

Options :
68634067117. 1
68634067118. 2
68634067119. 3
68634067120. 4

Question Number : 81 Question Id : 68634016997 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Length of the c-axis in Pyroxene group of minerals is_____.

1. 4.8 A^0

2. 5.3 A^0

3. 6.7 A^0

4. 7.3A^0

Options :

68634067121. 1
68634067122. 2
68634067123. 3
68634067124. 4

Question Number : 81 Question Id : 68634016997 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

पाइरॉक्सीन समूह के खनिजों में सी -अक्ष की लम्बाई _____ है।

1. 4.8 ए^0
2. 5.3 ए^0
3. 6.7 ए^0
4. 7.3ए^0

Options :
68634067121. 1
68634067122. 2
68634067123. 3
68634067124. 4

Question Number : 82 Question Id : 68634016998 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Match List I with List II

LIST I		LIST II	
A.	Quartz	I.	Al_2O_3
B.	Calcite	II.	C
C.	Corundum	III.	$CaCO_3$
D.	Diamond	IV.	SiO_2

Choose the correct answer from the options given below:

1. A-II , B-III , C-IV , D-I
2. A-III , B-IV , C-I , D-II
3. A-IV , B-III , C-I , D-II
4. A-I , B-II , C-IV , D-III

Options :
68634067125. 1
68634067126. 2
68634067127. 3
68634067128. 4

Question Number : 82 Question Id : 68634016998 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

सूची I का सूची II से मिलान कीजिए

सूची I		सूची II	
A.	कार्टज	I.	ए एल $_2$ओ$_3$
B.	केलसाइट	II.	सी
C.	कोरंडम	III.	सीएसीओ$_3$
D.	हीरा	IV.	एसआइओ $_2$

निम्नलिखित विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-II , B-III , C-IV , D-I

2. A-III , B-IV , C-I , D-II

3. A-IV , B-III , C-I , D-II

4. A-I , B-II , C-IV , D-III

Options :
68634067125. 1
68634067126. 2
68634067127. 3
68634067128. 4

Question Number : 83 Question Id : 68634016999 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Quartz group of minerals belong to_____.

1. Tectosilicates

2. Phyllosilicates

3. Nesosilicates

4. Inosilicates

Options :
68634067129. 1
68634067130. 2
68634067131. 3
68634067132. 4

Question Number : 83 Question Id : 68634016999 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

क्वार्ट्ज समूह के खनिज _____ से सम्बंधित हैं।

1. टेक्टोसिलिकेट्स

2. फायलोसिलिकेट्स

3. नेसोसिलिकेट्स

4. इनोसिलिकेट्स

Options :
68634067129. 1
68634067130. 2
68634067131. 3
68634067132. 4

Question Number : 84 Question Id : 68634017000 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Anhydrite is mainly composed of_____.

1. Ba

2. Ca

3. Na

4. Sr

Options :
68634067133. 1
68634067134. 2
68634067135. 3
68634067136. 4

Question Number : 84 Question Id : 68634017000 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

एनहाइड्राइट मुख्यतः_____से संगठित है

1. बी ए

2. सी ए

3. एन ए

4. सी आर

Options :

68634067133. 1
68634067134. 2
68634067135. 3
68634067136. 4

Question Number : 85 Question Id : 68634017001 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which of the following mineral is commonly absent in intermediate pressure series of metamorphic rocks of amphibolite facies ?

1. Hornblende

2. Andalusite

3. Staurolite

4. kyanite

Options :
68634067137. 1
68634067138. 2
68634067139. 3
68634067140. 4

Question Number : 85 Question Id : 68634017001 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन सा खनिज मध्यवर्ती दबाव श्रृंखला की कायांतरित शैलों के एम्फिबोलाइट संलक्षणीयों में सामान्यता अनुपस्थित रहता है ?

1. हॉर्नब्लेंड

2. अंडेलुसाईट

3. स्टूरोलाइट

4. कायनाइट

Options :
68634067137. 1
68634067138. 2
68634067139. 3
68634067140. 4

Question Number : 86 Question Id : 68634017002 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Give below are two statements :
Statement I : Extensive variables depend on the quantities of material matters.
Statement II : Intensive variables do not depend on the quantities of material matters.
In the light of the above statements, choose the **most appropriate** answer from the options given below :

1. Both Statement I and Statement II are correct

2. Both Statement I and Statement II are incorrect

3. Statement I is correct but Statement II is incorrect

4. Statement I is incorrect but Statement II is correct

Options :
68634067141. 1
68634067142. 2
68634067143. 3
68634067144. 4

Question Number : 86 Question Id : 68634017002 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I: विस्तृत चर मेटिरियल पदार्थों की संख्याओं पर निर्भर करतें हैं।

कथन II: गहन चर मेटिरियल पदार्थों की संख्याओं पर निर्भर नहीं करतें हैं।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए:

1. कथन I और II दोनों सत्य हैं

2. कथन I और II दोनों असत्य हैं

3. कथन I सत्य है, लेकिन कथन II असत्य है

4. कथन I असत्य है, लेकिन कथन II सत्य है

Options :
68634067141. 1
68634067142. 2
68634067143. 3
68634067144. 4

Question Number : 87 Question Id : 68634017003 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Elements having strong affinity towards silicates are known as :

1. Siderophiles

2. Chalcophiles

3. Atmophiles

4. Lithophiles

Options :
68634067145. 1
68634067146. 2
68634067147. 3
68634067148. 4

Question Number : 87 Question Id : 68634017003 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

तत्व जिनकी सिलिकेट्स से पक्की घनिष्ठता होती है, वे इस प्रकार जाने जाते हैं :

1. सिडेरोफिलज

2. चालकोफिलज

3. एटमोफिलज

4. लिथोफिलज

Options :
68634067145. 1
68634067146. 2
68634067147. 3
68634067148. 4

Question Number : 88 Question Id : 68634017004 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which of the following is the weakest chemical bonding ?

1. Ionic bond

2. covalent bond

3. metallic bond

4. Vander waals bond

Options :
68634067149. 1

68634067150. 2
68634067151. 3
68634067152. 4

Question Number : 88 Question Id : 68634017004 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में कौन सा सबसे कमजोर रासायनिक बंधन है।

1. आयनी आबंध
2. सहसंयोजक आबंध
3. धात्विक आबंध
4. वानडेर वालस आबंध

Options :
68634067149. 1
68634067150. 2
68634067151. 3
68634067152. 4

Question Number : 89 Question Id : 68634017005 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Average thickness of lithosphere under ocean basins ranges between_____.

1. 70 to 80 KM
2. 100 to 150 KM
3. 410 to 660 KM
4. 660 to 880 KM

Options :
68634067153. 1
68634067154. 2
68634067155. 3
68634067156. 4

Question Number : 89 Question Id : 68634017005 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

समुही बेसिनों के नीचे स्थलमण्डल कि औसत मोटाई_____के मध्य है।

1. 70 से 80 किमी

2. 100 से 150 किमी

3. 410 से 660 किमी

4. 660 से 880 किमी

Options :
68634067153. 1
68634067154. 2
68634067155. 3
68634067156. 4

Question Number : 90 Question Id : 68634017006 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which of the following is diagnostic mineral of granulite facies rocks ?

1. Enstatite

2. Chlorite

3. Chloritoid

4. Staurolite

Options :
68634067157. 1
68634067158. 2
68634067159. 3
68634067160. 4

Question Number : 90 Question Id : 68634017006 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन ग्रेनूलाइट संलक्षणी का डायग्नोस्टिक खनिज है?

1. एनस्टेटाइड

2. क्लोराईट

3. कलोरिटोइड

4. स्टुरोलाइट

Options :

68634067157. 1
68634067158. 2
68634067159. 3
68634067160. 4

Question Number : 91 Question Id : 68634017007 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Give below are two statements :
Statement I : A metamorphic rock comprises of grains/crystals with well developed faces said to exhibits idioblastic texture.
Statement II : A metamorphic rock comprises of grains/crystals without any definite shape is said to exhibit xenoblastic texture.
In the light of the above statements, choose the **most appropriate** answer from the options given below :

1. Both Statement I and Statement II are correct

2. Both Statement I and Statement II are incorrect

3. Statement I is correct but Statement II is incorrect

4. Statement I is incorrect but Statement II is correct

Options :
68634067161. 1
68634067162. 2
68634067163. 3
68634067164. 4

Question Number : 91 Question Id : 68634017007 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I: एक कायांतरित शैल जो कणों/क्रिस्टलों से निर्मित है वह सुविकसित फलकों के साथ स्वब्लास्टी गठन दर्शाती कहलाती है ।

कथन II: एक कायांतरित शैल जो कणों/क्रिस्टलों से बिना किसी निश्चित आकृति के निर्मित होती है वह परब्लास्टी गठन दर्शाती कहलाती है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए:

1. कथन I और II दोनों सत्य हैं

2. कथन I और II दोनों असत्य हैं

3. कथन I सत्य है, लेकिन कथन II असत्य है

4. कथन I असत्य है, लेकिन कथन II सत्य है

Options :

68634067161. 1
68634067162. 2
68634067163. 3
68634067164. 4

Question Number : 92 Question Id : 68634017008 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Volcanic equivalent of Granite is

1. Rhyolite
2. Dacite
3. Trachyte
4. Basalt

Options :
68634067165. 1
68634067166. 2
68634067167. 3
68634067168. 4

Question Number : 92 Question Id : 68634017008 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

ग्रेनाइट का ज्वालामुखीय समकक्ष क्या है?

1. रायोलाइट
2. डेसाइट
3. ट्रेकीट
4. बेसाल्ट

Options :
68634067165. 1
68634067166. 2
68634067167. 3
68634067168. 4

Question Number : 93 Question Id : 68634017009 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

The average density of the lithosphere is :

1. 500 kg m^{-3}

2. 2750 kg m^{-3}

3. 4650 kg m^{-3}

4. 5570 kg m^{-3}

Options :
68634067169. 1
68634067170. 2
68634067171. 3
68634067172. 4

Question Number : 93 Question Id : 68634017009 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

स्थलमंडल का औसत घनत्व है?

1. 500 केजी एम $^{-3}$

2. 2750 केजी एम$^{-3}$

3. 4650 केजी एम$^{-3}$

4. 5570 केजी एम$^{-3}$

Options :
68634067169. 1
68634067170. 2
68634067171. 3
68634067172. 4

Question Number : 94 Question Id : 68634017010 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Give below are two statements :
Statement I : Entire zone / area of recrystallized country rock around an igneous intrusive body is termed as "contact aureole"
Statement II : These spotted fine grained recrystallized rocks are called mylonites.
In the light of the above statements, choose the **most appropriate** answer from the options given below :

1. Both Statement I and Statement II are correct

2. Both Statement I and Statement II are incorrect

3. Statement I is correct but Statement II is incorrect

4. Statement I is incorrect but Statement II is correct

Options :
68634067173. 1
68634067174. 2
68634067175. 3
68634067176. 4

Question Number : 94 Question Id : 68634017010 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I: एक आतंरिक आग्नेय पिंड के चारों और स्थानिक शैल के पुन: क्रिस्टलन के सम्पूर्ण मण्डल या क्षेत्र को 'सम्पर्क ऑरियोल' कहते हैं।

कथन II:ये धब्बेदार महीन कणों वाली पुन: क्रिस्टलीकृत शैलें माइलोनाइटस कहलाती हैं।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए:

1. कथन I और II दोनों सत्य हैं

2. कथन I और II दोनों असत्य हैं

3. कथन I सत्य है, लेकिन कथन II असत्य है

4. कथन I असत्य है, लेकिन कथन II सत्य है

Options :
68634067173. 1
68634067174. 2
68634067175. 3
68634067176. 4

Question Number : 95 Question Id : 68634017011 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Match List I with List II

LIST I		LIST II	
A.	Pyrite	I.	Pb S
B.	Galena	II.	FeS_2
C.	Sphalerite	III.	$CuFeS_2$
D.	Chalcopyrite	IV.	Zn e

Choose the correct answer from the options given below:

1. A-I , B-II , C-III , D-IV

2. A-II , B-I , C-IV , D-III

3. A-III , B-IV , C-II , D-I

4. A-IV , B-III , C-I , D-II

Options :
68634067177. 1
68634067178. 2
68634067179. 3
68634067180. 4

Question Number : 95 Question Id : 68634017011 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

सूची I का सूची II से मिलान कीजिए

सूची I		सूची II	
A.	पायराइट	I.	पीबी एस
B.	गेलेना	II.	एफईएस 2
C.	स्फालेराइट	III.	सीयू एफइ एस 2
D.	चाल्कोपायराइट	IV.	जेडएन एस

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

1. A-I , B-II , C-III , D-IV

2. A-II , B-I , C-IV , D-III

3. A-III , B-IV , C-II , D-I

4. A-IV , B-III , C-I , D-II

Options :
68634067177. 1
68634067178. 2
68634067179. 3
68634067180. 4

Question Number : 96 Question Id : 68634017012 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Syngenetic deposits are those formed_____.

1. Before the crystallization of host rocks
2. After the crystallization of host rocks
3. Simultaneous with the host rocks
4. Earlier to the host rocks.

Options :
68634067181. 1
68634067182. 2
68634067183. 3
68634067184. 4

Question Number : 96 Question Id : 68634017012 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

सहजात निक्षेप वे होते जो बनते हैं

1. आतिथय शैलों के क्रिस्टलीकरण से पूर्व
2. आतिथय शैलों के क्रिस्टलीकरण के बाद
3. आतिथय शैलों के समसामयिक
4. आतिथय शैलों से पहले

Options :
68634067181. 1
68634067182. 2
68634067183. 3
68634067184. 4

Question Number : 97 Question Id : 68634017013 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Which of the following is a good reservoir rock ?

1. Granite

2. Sand stone

3. Shale

4. Schist

Options :
68634067185. 1
68634067186. 2
68634067187. 3
68634067188. 4

Question Number : 97 Question Id : 68634017013 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौन सी अच्छी भण्डार शैल है?

1. ग्रेनाइट

2. बालू पत्थर

3. शेल

4. शिष्ट

Options :
68634067185. 1
68634067186. 2
68634067187. 3
68634067188. 4

Question Number : 98 Question Id : 68634017014 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

The Great Boundary Fault lies between_____.

1. Siwaliks and the Murree group of rocks.

2. Upper Vindhyans and Aravallies

3. Upper Vindhyans and Kurnools

4. Siwaliks and Subathus

Options :
68634067189. 1

68634067190. 2
68634067191. 3
68634067192. 4

Question Number : 98 Question Id : 68634017014 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

ग्रेट सीमा भ्रंश _____ के मध्य स्थित है ?

1. शिवालिक एवं मुर्रे समूह की शैलों
2. ऊपरी विंध्यानस एवं अरावली
3. ऊपरी विध्यानस एवं कुर्नूलस
4. शिवालिक एवं सुबाथस

Options :
68634067189. 1
68634067190. 2
68634067191. 3
68634067192. 4

Question Number : 99 Question Id : 68634017015 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Trilobites are the index fossil of_____.

1. Cambrian period
2. Archean Period
3. Proterozoic Period
4. Ordovician Period

Options :
68634067193. 1
68634067194. 2
68634067195. 3
68634067196. 4

Question Number : 99 Question Id : 68634017015 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

ट्राईलोबाइट्स _____ के सूचकांक जीवाश्म हैं।

1. कैंब्रियन अवधि

2. अर्कियन अवधि

3. प्रोटेरोजोइक अवधि

4. ओर्डोविसियन

Options :
68634067193. 1
68634067194. 2
68634067195. 3
68634067196. 4

Question Number : 100 Question Id : 68634017016 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

The fauna which have free - swimming life style are called_____.

1. Nektonic

2. Planktonic

3. Benthic

4. Pelagic

Options :
68634067197. 1
68634067198. 2
68634067199. 3
68634067200. 4

Question Number : 100 Question Id : 68634017016 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

जीव-जन्तु जिनकी मुक्त-तैरने कि जीवन शैली है, वे_____कहलाते हैं।

1. नेकटोनिक

2. प्लैंकटोनिक

3. बेन्थिक

4. पेलैजिक

Options :

68634067197. 1
68634067198. 2
68634067199. 3
68634067200. 4