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**Previous Year Paper
(Geology)
06 Aug, 2023 Shift 2**



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Notations :

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

Question Paper Name :	Geology 6th Aug 2023 Shift 2
Subject Name :	Geology
Creation Date :	2023-08-06 15:25:01
Duration :	120
Total Marks :	100
Display Marks:	Yes
Calculator :	None
Magnifying Glass Required? :	No
Ruler Required? :	No
Eraser Required? :	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required? :	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console?	Yes
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
Help Button :	No

Show Reports : No

Show Progress Bar : No

Geology

Group Number : 1

Group Id : 59425347

Group Maximum Duration : 0

Group Minimum Duration : 120

Show Attended Group? : No

Edit Attended Group? : No

Break time : 0

Group Marks : 100

Is this Group for Examiner? : No

Examiner permission : Cant View

Show Progress Bar? : No

Geology

Section Id : 59425355

Section Number : 1

Section type : Online

Mandatory or Optional : Mandatory

Number of Questions : 100

Number of Questions to be attempted : 100

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 : 59425365

Question Shuffling Allowed : Yes

Is Section Default? : null

Question Number : 1 Question Id : 5942534611 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Ophitic texture is characteristic of

Options :

1. ✖ Granites
2. ✖ Syenites
3. ✔ Dolerites
4. ✖ Rhyolites

Question Number : 2 Question Id : 5942534612 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which type of mica is common in marine environment?

Options :

1. ✔ Glauconite
2. ✖ Phlogophite

3. ✖ Biotite

4. ✖ Muscovite

Question Number : 3 Question Id : 5942534613 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Amazonite is a green variety of

Options :

1. ✖ Quartz

2. ✖ Calcite

3. ✔ Microcline

4. ✖ Topaz

Question Number : 4 Question Id : 5942534614 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which one of the following is the correct order of increasing 'Refractive Index'?

Options :

1. ✖ Fluorite, Quartz, Diamond, Zircon

2. ✖ Quartz, Fluorite, Zircon, Diamond

3. ✖ Zircon, Fluorite, Diamond, Quartz

4. ✔ Fluorite, Quartz, Zircon, Diamond

Question Number : 5 Question Id : 5942534615 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

The first appearance of Homo Erectus occurred at

Options :

1. ✔ 1.7 Ma

2. ✖ 1.0 Ma

3. ✖ 0.5 Ma

4. ✖ 3.7 Ma

Question Number : 6 Question Id : 5942534616 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Conodonts are extinct microfossils, mostly composed of

Options :

1. ✗ Iron oxide
2. ✓ Calcium phosphate
3. ✗ Silica
4. ✗ Calcium carbonate

Question Number : 7 Question Id : 5942534617 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

The most abundant sedimentary rock found in the Earth's crust is

Options :

1. ✗ Sandstone
2. ✗ Conglomerate
3. ✗ Limestone
4. ✓ Shale

Question Number : 8 Question Id : 5942534618 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which one of the following period is known as the “age of flowering plants”?

Options :

1. ✗ Carboniferous

2. ✗ Tertiary

3. ✗ Devonian

4. ✓ Cretaceous

Question Number : 9 Question Id : 5942534619 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which one of the following rocks is composed principally of hornblende and plagioclase?

Options :

1. ✗ Kimberlite

2. ✗ Charnockite

3. ✗ Schist

4. ✓ Amphibolite

Question Number : 10 Question Id : 5942534620 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which one of the following is **NOT** a lithostratigraphic unit?

Options :

1. ✖ Formation
2. ✔ System
3. ✖ Member
4. ✖ Group

Question Number : 11 Question Id : 5942534621 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

The correct sequence of evolution of horses is

Options :

1. ✖ Hipparion, Hyracotherium, Miohippus
2. ✖ Hyracotherium, Hipparion, Miohippus
3. ✖ Miohippus, Hipparion, Hyracotherium,

4. ✓ Hyracotherium, Miohippus, Hipparion

Question Number : 12 Question Id : 5942534622 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Consider the following in relation to the metamorphism

- A) Andalusite is formed by contact metamorphism
- B) Sillimanite is typical of low grade regional metamorphism
- C) Kyanite is characteristic of high grade regional metamorphism

Choose the correct option

Options :

1. ✗ A, B & C

2. ✓ A only

3. ✗ A & C only

4. ✗ B & C only

Question Number : 13 Question Id : 5942534623 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

‘Strain is proportional to the stress’. This statement is related to

Options :

1. ✓ Hooke’s Law

2. ✖ Kepler's Law

3. ✖ Newton's Law

4. ✖ Darcy's Law

Question Number : 14 Question Id : 5942534624 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

The relative abundance of chemical elements, in decreasing order, in the Earth's crust is

Options :

1. ✖ Al, Si, O, Fe

2. ✖ O, Al, Si, Fe

3. ✔ O, Si, Al, Fe

4. ✖ Si, O, Fe, Al

Question Number : 15 Question Id : 5942534625 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Consider the following in relation to the Singhbhum shear zone

- A) Singhbhum shear zone hosts uranium, copper and apatite-magnetite mineralization
- B) The mineralization occurs as lenticular to tabular bodies.
- C) Principal uranium mineral is uraninite

Choose the correct option

Options :

- 1. ✓ A, B & C
- 2. ✗ A only
- 3. ✗ A & C only
- 4. ✗ B & C only

Question Number : 16 Question Id : 5942534626 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Consider the following in relation to the gas hydrates

- A) Gas hydrates are crystalline form of methane and water
- B) Methane gas hydrate is stable at the sea floor at water depths beneath about 500m
- C) It is estimated that one cubic meter of methane hydrate contains 160-180 cubic meter of methane

Choose the correct option

Options :

- 1. ✓ A, B & C
- 2. ✗ A & B only

3. ✖ A & C only

4. ✖ B & C only

Question Number : 17 Question Id : 5942534627 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

The epicenter of a deep focus earthquake is normally located at a depth of

Options :

1. ✖ > 700 km

2. ✔ 300 - 700 km

3. ✖ 30 - 70 km

4. ✖ 100 km

Question Number : 18 Question Id : 5942534628 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Assertion (A) : Sanidine is found most typically in felsic volcanic rocks

Reason (R) : Sanidine is a high temperature form of orthoclase

Options :

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

2. ✗ Both A and R are correct but R does not explain A

3. ✗ A is correct R is incorrect

4. ✗ R is correct A is incorrect

Question Number : 19 Question Id : 5942534629 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Assertion (A) : Anthracite is a jet black hard coal with low sulphur and high heating value

Reason (R) : It has 60% carbon and with ash content up to 20% by weight.

Options :

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

2. ✗ Both A and R are correct but R does not explains A

3. ✓ A is correct R is incorrect

4. ✗ R is correct A is incorrect

Question Number : 20 Question Id : 5942534630 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Spilite is a

Options :

1. ✓ Olivine-poor volcanic rock
2. ✗ Olivine-rich volcanic rock
3. ✗ Olivine-rich plutonic rock
4. ✗ Olivine-poor plutonic rock

Question Number : 21 Question Id : 5942534631 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

The specific yield of groundwater, in increasing order, in the earth materials are

Options :

1. ✗ Peat, Gravel, Loess, Clay
2. ✗ Loess, Gravel, Clay, Peat
3. ✗ Loess, Gravel, Peat, Clay
4. ✓ Clay, Loess, Gravel, Peat

Question Number : 22 Question Id : 5942534632 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

East Pacific Rise is a

Options :

1. ✗ Glacier
2. ✗ Island arc
3. ✓ Mid ocean – ridge
4. ✗ Fold Mountain

Question Number : 23 Question Id : 5942534633 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Long wall mining is one of the most efficient methods of

Options :

1. ✗ Diamond extraction
2. ✗ Gold extraction
3. ✗ Bauxite extraction

4. ✓ Coal extraction

Question Number : 24 Question Id : 5942534634 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

On a map which of the following scales is considered to be the 'large scale'?

Options :

1. ✗ 1 : 1,00,000

2. ✓ 1 : 12,500

3. ✗ 1 : 2,50,000

4. ✗ 1 : 50,000

Question Number : 25 Question Id : 5942534635 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

A triple junction known as RRR could exist when all three plates are

Options :

1. ✓ Moving apart

2. ✗ Pushing together

3. ✖ One plate is pushing, two plates are moving

4. ✖ One plate is moving, two plates are pushing

Question Number : 26 Question Id : 5942534636 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which of the following is NOT an example of polymorphic mineral pairs

Options :

1. ✖ Calcite – Aragonite

2. ✖ Microcline – Orthoclase

3. ✖ Pyrite – Marcasite

4. ✔ Calcite – siderite

Question Number : 27 Question Id : 5942534637 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which one of the following ore mineral is formed by magmatic segregation process?

Options :

1. ✖ Diamond

2. ✓ Chromite

3. ✗ Galena

4. ✗ Bauxite

Question Number : 28 Question Id : 5942534638 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Halophytes are indicative of

Options :

1. ✓ Saline water

2. ✗ Fresh water

3. ✗ Oil deposits

4. ✗ Mercury

Question Number : 29 Question Id : 5942534639 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Match the following

- | | |
|--------------|-------------|
| A) Anglesite | i) Copper |
| B) Argentine | ii) Thorium |
| C) Cuprite | iii) Silver |
| D) Cinnabar | iv) Lead |
| | v) Mercury |

Options :

1. ✖ A-iii, B-iv, C-i, D-ii

2. ✖ A-iv, B-i, C-ii, D-iii

3. ✔ A-iv, B-iii, C-i, D-v

4. ✖ A-iii, B-i, C-iv, D-ii

Question Number : 30 Question Id : 5942534640 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Arrange the following minerals with increasing grade of metamorphism

Options :

1. ✖ Chlorite, Garnet, Staurolite, Biotite

2. ✖ Staurolite, Chlorite, Biotite, Garnet

3. ✔ Chlorite, Biotite, Garnet, Staurolite

4. ✖ Biotite, Chlorite, Staurolite, Garnet

Question Number : 31 Question Id : 5942534641 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which one of the following is the most abundant 'beach deposit' in India?

Options :

1. ✖ Garnet

2. ✖ Sillimanite

3. ✖ Monazite

4. ✔ Ilmenite

Question Number : 32 Question Id : 5942534642 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

'Spinifex' texture is the characteristic property of

Options :

1. ✖ Eclogite

2. ✔ Komatiite

3. ✖ Basalt

4. ✖ Dolerite

Question Number : 33 Question Id : 5942534643 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Match the following minerals with their chemical composition

- | | |
|----------------|--------------------------|
| A) Cassiterite | i) SnO_2 |
| B) Rutile | ii) TiO_2 |
| C) Uraninite | iii) UO_2 |
| D) Pyrolusite | iv) MnO_2 |
| | v) Cu_2O |

Options :

1. ✖ A-iii, B-iv, C-i, D-ii

2. ✔ A-i, B-ii, C-iii, D-iv

3. ✖ A-iv, B-iii, C-i, D-ii

4. ✖ A-iii, B-i, C-iv, D-ii

Question Number : 34 Question Id : 5942534644 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Match the following minerals with their varieties

- | | |
|---------------|---------------|
| A) Corundum | i) Amethyst |
| B) Beryl | ii) Morganite |
| C) Orthoclase | iii) Sapphire |
| D) Quartz | iv) Moonstone |

Options :

1. ✗ A-iii, B-iv, C-i, D-ii

2. ✗ A-i, B-ii, C-iii, D-iv

3. ✗ A-iv, B-iii, C-i, D-ii

4. ✓ A-iii, B-ii, C-iv, D-i

Question Number : 35 Question Id : 5942534645 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Most of the oil deposits existing today in the world were formed in the

Options :

1. ✗ Cenozoic

2. ✗ Paleozoic

3. ✓ Mesozoic

4. ✗ Proterozoic

Question Number : 36 Question Id : 5942534646 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Match the following minerals and their crystal system

- | | |
|-------------|-----------------|
| A) Axinite | i) Orthorhombic |
| B) Titanite | ii) Tetragonal |
| C) Gedrite | iii) Monoclinic |
| D) Zircon | iv) Hexagonal |
| | v) Triclinic |

Options :

1. ✓ A-v, B-iii, C-i, D-ii
2. ✗ A-i, B-ii, C-iii, D-iv
3. ✗ A-iv, B-iii, C-i, D-ii
4. ✗ A-iii, B-v, C-iv, D-i

Question Number : 37 Question Id : 5942534647 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

The Main Central Thrust (MCT) separates the

Options :

1. ✗ Aravallis from Vindhya

2. ✖ Siwaliks from the Lesser Himalaya
3. ✔ Lesser Himalaya from the Greater Himalaya
4. ✖ Siwaliks from the Great Indian plains

Question Number : 38 Question Id : 5942534648 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which one of the following radioisotope is most useful for dating of groundwater?

Options :

1. ✔ Tritium
2. ✖ Thorium
3. ✖ ^{230}Pb
4. ✖ ^{235}U

Question Number : 39 Question Id : 5942534649 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Match the following

- | | |
|----------------|----------------------|
| A) Lignite | i) Dariba- Rajpura |
| B) Phosphorous | ii) Kathpal mine |
| C) Chromite | iii) Barsingsar mine |
| D) Manganese | iv) Jhamarkotra mine |
| | v) Balaghat mine |

Options :

1. ✗ A-iii, B-iv, C-i, D-ii
2. ✗ A-iv, B-i, C-ii, D-iii
3. ✗ A-iv, B-iii, C-i, D-ii
4. ✓ A-iii, B-iv, C-ii, D-v

Question Number : 40 Question Id : 5942534650 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0
Correct Marks : 1 Wrong Marks : 0.25

Which one of the following mineral is **NOT** isotropic?

Options :

1. ✗ Almandine
2. ✓ Olivine
3. ✗ Pyrope

4. ✖ Grossular

Question Number : 41 Question Id : 5942534651 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Black colour of an outcrop in the field indicates the presence of

Options :

1. ✖ Cr – Minerals

2. ✖ Cu – Minerals

3. ✔ Mn – Minerals

4. ✖ Zn – Minerals

Question Number : 42 Question Id : 5942534652 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which state of India is the largest producer of bauxite?

Options :

1. ✖ Andhra Pradesh

2. ✖ Gujarat

3. ✖ Jharkhand

4. ✔ Odisha

Question Number : 43 Question Id : 5942534653 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Striations result from the action of

Options :

1. ✖ Moving air

2. ✖ Moving water

3. ✖ Volcanoes

4. ✔ Moving ice

Question Number : 44 Question Id : 5942534654 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

A reverse fault dipping at an angle of less than 45° is known as

Options :

1. ✔ Thrust fault

2. ✖ Tear fault
3. ✖ High angle fault
4. ✖ Diagonal fault

Question Number : 45 Question Id : 5942534655 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which one of the following mineral is biaxial positive?

Options :

1. ✖ Wurtzite
2. ✔ Topaz
3. ✔ Lawsonite
4. ✖ Beryl

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

Question Number : 46 Question Id : 5942534656 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

A fault in which hanging wall moves up relative to the foot wall is called

Options :

1. ✓ Reverse fault
2. ✗ Normal fault
3. ✗ Nappe
4. ✗ Gravity fault

Question Number : 47 Question Id : 5942534657 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Major component of blueschist is a

Options :

1. ✓ Glaucophane
2. ✗ Chlorite
3. ✗ Staurolite
4. ✗ Olivine

Question Number : 48 Question Id : 5942534658 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Assertion (A) : S waves cannot travel through liquids.

Reason (R) : Liquids lack shear strength.

Options :

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

2. ✗ Both A and R are correct but R does not explains A

3. ✗ A is correct R is incorrect

4. ✗ R is correct A is incorrect

Question Number : 49 Question Id : 5942534659 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Myrmekite is an intergrowth of quartz and.....

Options :

1. ✗ Olivine

2. ✗ Calcite

3. ✗ Biotite

4. ✓ Plagioclase

Question Number : 50 Question Id : 5942534660 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

The study of trace fossils is known as

Options :

1. ✗ Ornithology

2. ✗ Osteology

3. ✓ Ichnology

4. ✗ Entomology

Question Number : 51 Question Id : 5942534661 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

The age of Hyderabad granites is

Options :

1. ✗ 1000 Ma

2. ✗ 3900 Ma

3. ✖ 1600 Ma

4. ✔ 2600 Ma

Question Number : 52 Question Id : 5942534662 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which one among the following rocks is an example for aquiclude ?

Options :

1. ✔ Clay

2. ✖ Marble

3. ✖ Gravel

4. ✖ Sandstone

Question Number : 53 Question Id : 5942534663 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Mansar formation belongs to which group?

Options :

1. ✔ Sausar

2. ✖ Sargur

3. ✖ Aravalli

4. ✖ Vaikruta

Question Number : 54 Question Id : 5942534664 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

The term “Paludal environment” refers to

Options :

1. ✖ Glacial

2. ✔ Marshes

3. ✖ Lacustrine

4. ✖ Tidal flats

Question Number : 55 Question Id : 5942534665 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

The Cenomanian marine transgression took place during

Options :

1. ✗ Devonian
2. ✓ Cretaceous
3. ✗ Triassic
4. ✗ Pleistocene

Question Number : 56 Question Id : 5942534666 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Day time noise standard prescribed for residential area in India is

Options :

1. ✗ 65 dB
2. ✗ 75 dB
3. ✓ 55 dB
4. ✗ 45 dB

Question Number : 57 Question Id : 5942534667 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Match the following

- | | |
|------------------|-------------|
| A) Ventifact | i) Volcanic |
| B) Caldera | ii) Glacial |
| C) Alluvial fans | iii) Marine |
| D) Moraines | iv) Wind |
| | v) River |

Options :

1. ✗ A-iii, B-iv, C-i, D-ii

2. ✓ A-iv, B-i, C-v, D-ii

3. ✗ A-iv, B-i, C-v, D-iii

4. ✗ A-iv, B-i, C-ii, D-iii

Question Number : 58 Question Id : 5942534668 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

The grain size of clay in sedimentary rocks is

Options :

1. ✗ $1/16$ to 1 mm

2. ✗ $1/256$ to $1/16$ mm

3. ✗ $> 1/256$ mm

4. ✓ $<1/256$ mm

Question Number : 59 Question Id : 5942534669 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which of the following has highest compressive strength?

Options :

1. ✗ Phyllite
2. ✗ Sandstone
3. ✓ Basalt
4. ✗ Limestone

Question Number : 60 Question Id : 5942534670 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

The largest crude oil reserves in India are found in the

Options :

1. ✗ Assam
2. ✓ Western Offshore

3. ✖ Eastern offshore

4. ✖ Jharkhand

Question Number : 61 Question Id : 5942534671 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

The silicon : oxygen ratio in double chain silicate structure is

Options :

1. ✖ 2 : 5

2. ✖ 1 : 3

3. ✔ 4 : 11

4. ✖ 2 : 7

Question Number : 62 Question Id : 5942534672 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

In recumbent fold the axial plane is essentially

Options :

1. ✖ Inclined

2.

✓ Horizontal

3. ✗ Rounded

4. ✗ Vertical

Question Number : 63 Question Id : 5942534673 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Chondrites form the most common type of

Options :

1. ✓ Stony meteorite

2. ✗ Iron meteorite

3. ✗ Foraminifera

4. ✗ Iron ore

Question Number : 64 Question Id : 5942534674 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Conglomerates indicate the presence of

Options :

1. ✗ Fault zones
2. ✗ Folds
3. ✗ Joints
4. ✓ Unconformities

Question Number : 65 Question Id : 5942534675 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Excess nitrate concentration in drinking water causes

Options :

1. ✗ Fluorosis
2. ✓ Methemoglobinemia
3. ✗ Gastro intestinal disorders
4. ✗ Cancer

Question Number : 66 Question Id : 5942534676 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Satellite used by Global Positioning Systems is normally at an altitude of

Options :

1. ✗ 27600 km
2. ✓ 20200 km
3. ✗ 24200 km
4. ✗ 16000 km

Question Number : 67 Question Id : 5942534677 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

The Western and Eastern Dharwars are separated by

Options :

1. ✗ Moyar Bhavani shear zone
2. ✗ Kolar Schist belt
3. ✓ Chitradurga shear zone
4. ✗ Palghat Cuavery shear zone

Question Number : 68 Question Id : 5942534678 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Consider the following in relation to the Kimberlites

- A) Kimberlite is a intrusive igneous rock
- B) Kimberlites are source rocks for diamonds
- C) In India kimberlite pipes are restricted to Achaean

Choose correct option

Options :

- 1. ✗ A, B & C
- 2. ✓ A & B only
- 3. ✗ B & C only
- 4. ✗ A only

Question Number : 69 Question Id : 5942534679 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which one among the following is the best conductor of electricity?

Options :

- 1. ✗ Copper
- 2. ✗ Aluminum

3. ✖ Platinum

4. ✔ Silver

Question Number : 70 Question Id : 5942534680 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Match the following institutions and their head quarters

- | | |
|---|----------------|
| A) National Remote Sensing Centre | i) Kolkata |
| B) Geological Survey of India | ii) Nagpur |
| C) Wadia Institute of Himalayan Geology | iii) Faridabad |
| D) Central Ground Water Board | iv) Hyderabad |
| | v) Dehradun |

Options :

1. ✖ A-iii, B-iv, C-i, D-ii

2. ✖ A-iv, B-v, C-i, D-iii

3. ✔ A-iv, B-i, C-v, D-iii

4. ✖ A-iii, B-iv, C-ii, D-v

Question Number : 71 Question Id : 5942534681 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Consider the following in relation to the Eclogites

- A) The composition of eclogite is similar to that of basalt
- B) Eclogites consist primarily of omphacite and garnet
- C) Eclogite is a high P and high T metamorphic rock

Choose the correct option

Options :

1. ✓ A, B & C
2. ✗ A & B only
3. ✗ B & C only
4. ✗ C only

Question Number : 72 Question Id : 5942534682 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Match the following minerals and their chemical composition

- | | |
|----------------|--|
| A) Jadeite | i) $\text{KLiFeAl}(\text{AlSi}_3)\text{O}_{10}(\text{OH}, \text{F})_2$ |
| B) Uvarovite | ii) $\text{CaAlSi}_2\text{O}_6$ |
| C) Zinnwaldite | iii) FeS_2 |
| D) Pyrite | iv) $\text{NaAlSi}_2\text{O}_6$ |
| | v) $\text{Ca}_3\text{Cr}_2\text{Si}_3\text{O}_{12}$ |

Options :

1. ✗ A-iii, B-iv, C-i, D-ii
2. ✓ A-iv, B-v, C-i, D-iii

3. ✖ A-iv, B-iii, C-i, D-ii

4. ✖ A-iii, B-iv, C-ii, D-v

Question Number : 73 Question Id : 5942534683 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Sodium concentration is important to classify groundwater for

Options :

1. ✔ Irrigation purpose

2. ✖ Drinking purpose

3. ✖ Domestic purpose

4. ✖ Industrial purpose

Question Number : 74 Question Id : 5942534684 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Water containing more than 35,000 mg/L salts is called as

Options :

1. ✖ Fresh

2. ✖ Magmatic

3. ✖ Saline

4. ✔ Briny

Question Number : 75 Question Id : 5942534685 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Arrange the availability of fresh water on the surface of the earth in ascending order

- A) Rivers
- B) Glaciers
- C) Groundwater
- D) Atmosphere

Choose the correct answer

Options :

1. ✖ A, B, C, D

2. ✖ C, B, A, D

3. ✖ B, A, C, D

4. ✔ B, C, A, D

Question Number : 76 Question Id : 5942534686 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Arrange the specific gravity of the following in ascending order

- A) Gold
- B) Pyrite
- C) Graphite
- D) Diamond

Choose the correct answer

Options :

1. ✖ A, C, D, B

2. ✔ A, B, D, C

3. ✖ B, A, C, D

4. ✖ A, B, C, D

Question Number : 77 Question Id : 5942534687 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which of the following instrument is used in aerial photo interpretation?

Options :

1. ✖ Microscope

2. ✖ Electron Microscope

3.

✖ Telescope

4. ✔ Stereoscope

Question Number : 78 Question Id : 5942534688 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Match the following

- | | |
|-------------------|-------------------|
| A) Nesosilicate | i) Albite |
| B) Sorosilicate | ii) Zircon |
| C) Phyllosilicate | iii) Hemimorphite |
| D) Tectosilicate | iv) Tourmaline |
| | v) Muscovite |

Options :

1. ✔ A-ii, B-iii, C-v, D-i

2. ✖ A-ii, B-v, C-i, D-iii

3. ✖ A-iv, B-iii, C-i, D-ii

4. ✖ A-iii, B-iv, C-ii, D-v

Question Number : 79 Question Id : 5942534689 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Arrange the hydraulic conductivity of the following rocks in ascending order

- A) Clay
- B) Sandstone
- C) Granite
- D) Weathered granite

Choose the correct answer

Options :

1. ✗ A, B, C, D
2. ✓ C, A, D, B
3. ✗ B, A, C, D
4. ✗ B, C, A, D

Question Number : 80 Question Id : 5942534690 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

In aerial vertical photography, the longitudinal overlap is normally kept as

Options :

1. ✗ 20 percentage
2. ✗ 30 percentage
3. ✓ 60 percentage
4. ✗ 80 percentage

Question Number : 81 Question Id : 5942534691 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Paradoxide is an index fossil of

Options :

1. ✗ Triassic
2. ✓ Cambrian
3. ✗ Silurian
4. ✗ Permian

Question Number : 82 Question Id : 5942534692 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Assertion (A) : Banded iron ores are bedded type of deposits

Reason (R) : Banded iron ores are sedimentary in origin.

Options :

1. ✓ Both A and R are correct and R is the correct explanation of A
2. ✗ Both A and R are correct but R does not explain A
- 3.

✘ A is correct R is incorrect

4. ✘ R is correct A is incorrect

Question Number : 83 Question Id : 5942534693 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Meteorites containing 50% silicates are

Options :

1. ✔ Pallasites

2. ✘ Achondrites

3. ✘ Teckites

4. ✘ Chondrites

Question Number : 84 Question Id : 5942534694 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Betrand lens is used to study the

Options :

1. ✘ Optic sign

2. ✗ Extinction angle
3. ✗ Refractive Index
4. ✓ Interference figures

Question Number : 85 Question Id : 5942534695 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

The Great Boundary Fault lies between

Options :

1. ✗ Greater Himalayas and Lesser Himalayas
2. ✗ Aravalis and CITZ
3. ✗ Dharwars and Eastern Ghats Mobile Belt
4. ✓ Upper Vindhya and Pre Aravali Group

Question Number : 86 Question Id : 5942534696 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which among the following is an example of non-point source of groundwater Pollution?

Options :

1. ✗ Leaking tank
2. ✗ Mine
3. ✓ Agriculture
4. ✗ Landfill

Question Number : 87 Question Id : 5942534697 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which of following rocks is most resistant to weathering?

Options :

1. ✓ Quartzite
2. ✗ Limestone
3. ✗ Shale
4. ✗ Marble

Question Number : 88 Question Id : 5942534698 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Increased CO₂ concentration in atmosphere results in

Options :

1. ✗ Decrease in the earth's temperature
2. ✓ Increase in the earth's temperature
3. ✗ Uniform earth's temperature
4. ✗ Origin of earthquakes

Question Number : 89 Question Id : 5942534699 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which one of the following is the correct sequence of decreasing magnetic susceptibility?

Options :

1. ✓ Magnetite, Pyrrhotite, Heamatite
2. ✗ Heamatite, Magnetite, Pyrrhotite
3. ✗ Magnetite, Heamatite, Pyrrhotite
4. ✗ Pyrrhotite, Heamatite, Magnetite

Question Number : 90 Question Id : 5942534700 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

A hot spring deposit of CaCO_3 is known as

Options :

1. ✗ Geyserite
2. ✗ Wad
3. ✗ Ocher
4. ✓ Travertine

Question Number : 91 Question Id : 5942534701 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which one among the following minerals exhibits double hardness?

Options :

1. ✗ Orthoclase
2. ✗ Quartz
3. ✗ Olivine

4. ✓ Kyanite

Question Number : 92 Question Id : 5942534702 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Maculose structure is typical of

Options :

1. ✗ Calcareous rocks
2. ✓ Argillaceous rocks
3. ✗ Rudaceous rocks
4. ✗ Alkaline rocks

Question Number : 93 Question Id : 5942534703 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

The largest and the only outcrop oceanic ridge is

Options :

1. ✓ Iceland

2. ✖ Maluku Islands

3. ✖ Galapogas

4. ✖ Rodrigues Islands

Question Number : 94 Question Id : 5942534704 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

In the Nepal-Sikkim area the Archaean gneiss rocks are known as

Options :

1. ✔ Darjeeling series

2. ✖ Koira group

3. ✖ Salkhala series

4. ✖ Vaikrita system

Question Number : 95 Question Id : 5942534705 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Marl is a clay rock which contains

Options :

1. ✓ CaCO_3 only
2. ✗ MgCO_3 only
3. ✗ $\text{CaCO}_3 + \text{MgCO}_3$
4. ✗ $\text{CaCO}_3 + \text{MgCO}_3 + \text{FeCO}_3$

Question Number : 96 Question Id : 5942534706 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Andesitic magmas are characteristic of

Options :

1. ✗ Island arcs
2. ✓ Subduction zones
3. ✗ Volcanic eruptions
4. ✗ Mid-oceanic ridges

Question Number : 97 Question Id : 5942534707 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which of the following is NOT a stratified glacial drift

Options :

1. ✓ Drumlins

2. ✗ Eskers

3. ✗ Varves

4. ✗ Kames

Question Number : 98 Question Id : 5942534708 Question Type : MCQ Option Shuffling : Yes Is

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

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Hausmannite is a mineral of

Options :

1. ✗ Silver

2. ✓ Manganese

3. ✗ Copper

4. ✗ Silica

Question Number : 99 Question Id : 5942534709 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0.25

Which of the following state is facing most arsenic pollution problem in groundwater

Options :

1. ✗ Rajasthan
2. ✓ West Bengal
3. ✗ Andhra Pradesh
4. ✗ Uttar Pradesh

Question Number : 100 Question Id : 5942534710 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 1 Wrong Marks : 0.25

Soapstone is a metamorphic product of

Options :

1. ✗ Basalt
2. ✗ Rhyolite
3. ✗ Limestone
4. ✓ Dunite

