

# TELANGANA RESIDENTIAL EDUCATIONAL INSTITUTIONS RECRUITMENT BOARD TREI-RB

## Notations :

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

<b>Question Paper Name :</b>	Geology 6th Aug 2023 Shift 2
<b>Subject Name :</b>	Geology
<b>Creation Date :</b>	2023-08-06 15:25:01
<b>Duration :</b>	120
<b>Total Marks :</b>	100
<b>Display Marks:</b>	Yes
<b>Calculator :</b>	None
<b>Magnifying Glass Required? :</b>	No
<b>Ruler Required? :</b>	No
<b>Eraser Required? :</b>	No
<b>Scratch Pad Required? :</b>	No
<b>Rough Sketch/Notepad Required? :</b>	No
<b>Protractor Required? :</b>	No
<b>Show Watermark on Console? :</b>	Yes
<b>Highlighter :</b>	No
<b>Auto Save on Console?</b>	Yes
<b>Change Font Color :</b>	No
<b>Change Background Color :</b>	No
<b>Change Theme :</b>	No
<b>Help Button :</b>	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) $\text{SnO}_2$        |
| B) Rutile      | ii) $\text{TiO}_2$       |
| C) Uraninite   | iii) $\text{UO}_2$       |
| D) Pyrolusite  | iv) $\text{MnO}_2$       |
|                | v) $\text{Cu}_2\text{O}$ |

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. ✘  $^{230}\text{Pb}$
4. ✘  $^{235}\text{U}$

**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  $45^\circ$  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

**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 explain 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. ✓ <math>1/256\text{ mm}</math>

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) $\text{KLiFeAl}(\text{AlSi}_3)\text{O}_{10}(\text{OH, F})_2$ |
| B) Uvarovite   | ii) $\text{CaAlSi}_2\text{O}_6$                                 |
| C) Zinnwaldite | iii) $\text{FeS}_2$   |
| 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. ✘ Tecktites

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**

Btrand 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 CO<sub>2</sub> 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  $\text{CaCO}_3$  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. ✘ Koirra 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. ✓  $\text{CaCO}_3$  only

2. ✗  $\text{MgCO}_3$  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

