

Inside Our Earth

Question 1.

The Deccan plateau is made up of:

- (a) Clay
- (b) Granite
- (c) Basalt
- (d) None of the above

▼ [Answer](#)

Answer: (c) Basalt

Question 2.

The depth of deepest mine in South Africa is about:

- (a) 3km
- (b) 4km
- (c) 5 km
- (d) 6 km

▼ [Answer](#)

Answer: (b) 4km

Question 3.

The innermost layer is the core is made of:

- (a) Nickel and Iron
- (b) Silica and Alumina
- (c) Silica and magnesium
- (d) a and b both

▼ [Answer](#)

Answer: (a) Nickel and Iron

Question 4.

What is meaning of igneous?

- (a) Air
- (b) Water
- (c) Lime
- (d) Fire

▼ [Answer](#)

Answer: (d) Fire

Question 5.

The radius of the earth is:

- (a) 6000 km
- (b) 6300 km
- (c) 6371 km
- (d) 6400 km

▼ [Answer](#)

Answer: (c) 6371 km

Question 6.

Igneous and sedimentary rocks can change into:

- (a) Intrusive igneous rocks
- (b) Extrusive igneous rocks
- (c) Metamorphic rocks
- (d) Igneous rocks

▼ [Answer](#)

Answer: (c) Metamorphic rocks

Question 7.

Depth of mantle layer of the earth is:

- (a) 2900 km
- (b) 3000 km
- (c) 3100km
- (d) 3200 km

▼ [Answer](#)

Answer: (a) 2900 km

Question 8.

In search for oil engineers have dug a hole about:

- (a) 3km
- (b) 4km
- (c) 5 km
- (d) 6 km

▼ [Answer](#)

Answer: (d) 6 km

Question 9.

Igneous rocks are made when:

- (a) The solid magma melts and it becomes solid
- (b) The cool magma molten, it becomes solid
- (c) The molten magma cools, it becomes solid
- (d) Solid magma molten, it becomes solid

▼ [Answer](#)

Answer: (c) The molten magma cools, it becomes solid

Question 10.

Igneous rocks are called primary rocks because:

- (a) All the other rocks are formed from the igneous rocks.
- (b) These are important for human beings.
- (c) These rocks produce all the ailments.
- (d) None of the above.

▼ [Answer](#)

Answer: (a) All the other rocks are formed from the igneous rocks.

Question 11.

Gold, Petroleum and Coal are the examples of what?

- (a) Rock
- (b) Fossils
- (c) Minerals
- (d) Core

▼ [Answer](#)

Answer: (b) Fossils

The remains of the dead plants and animals trapped in the layers of rocks are called fossils. Gold, Petroleum and Coal are the examples of these fossils.

Question 12.

What is the Radius of the earth?

- (a) 2600 km
- (b) 3671km
- (c) 7163 km
- (d) 6371 km

▼ [Answer](#)

Answer: (d) 6371 km

The radius of the earth is 6371 km.

Question 13.

What is the Innermost layer of the earth?

- (a) Crust
- (b) Mantle
- (c) Core
- (d) None of these

▼ [Answer](#)

Answer: (c) Core

The innermost layer is the core with a radius of about 3500 km. The central core has very high temperature and pressure.

Question 14.

Which rocks are known as primary rocks?

- (a) Igneous rocks
- (b) Sedimentary rocks
- (c) Metamorphic rocks
- (d) None of these

▼ [Answer](#)

Answer: (a) Igneous rocks

When the molten magma cools, it becomes solid. Rocks thus formed are called igneous rocks. They are also called primary rocks.

Question 15.

Where is the deepest mine in the world located?

- (a) South America
- (b) South Africa
- (c) South Australia
- (d) South India

▼ [Answer](#)

Answer: (b) South Africa

The deepest mine in the world, is in South Africa. It is about 4 km. deep. In search for oil engineers have dug a hole about 6 km. deep.

Question 16.

What is the percentage of the volume of the earth?

- (a) 1
- (b) 15
- (c) 89
- (d) 20

▼ [Answer](#)

Answer: (a) 1

The crust forms only 1 per cent of the volume of the earth, 84 per cent consists of the mantle and 15 per cent makes the core.

Question 17.

What are the uses of rocks?

- (a) Building materials
- (b) As a source of metals
- (c) Both a and b
- (d) None of these

▼ [Answer](#)

Answer: (c) Both a and b

Rocks are useful in many ways as building materials and as a source of metals like iron, copper

et(c) and fossil fuels. They also yield valuable gems such as diamonds, garnet, jade et(c)

Question 18.

Why earth is called a dynamic planet?

- (a) Continuously undergoes changes
- (b) Never change
- (c) Is very large in size
- (d) None of these

▼ [Answer](#)

Answer: (a) Continuously undergoes changes

Earth is called a dynamic planet because it continuously undergoes changes inside and outside.

Question 19.

What is a rock?

- (a) Natural mass of mineral
- (b) Artificial mass
- (c) Both a and b
- (d) None of these

▼ [Answer](#)

Answer: (a) Natural mass of mineral

A rock is a natural mass of mineral matter that makes up the earth's crust.

Question 20.

What are the layers of the earth?

- (a) Crust
- (b) Mantle
- (c) Core
- (d) All of the above

▼ [Answer](#)

Answer: (d) All of the above

Three layers of the earth are crust, mantle and core.

[Match the following](#)

1.

Column I	Column II
1. Slate	(a) Seven stones
2. Sandstone	(b) Granite
3. Pitthoo	(c) Metamorphic rock
4. Grinding stone	(d) Changes into slate

▼ Answer

Answer:

Column I	Column II
1. Slate	(c) Metamorphic rock
2. Sandstone	(d) Changes into slate
3. Pitthoo	(a) Seven stones
4. Grinding stone	(b) Granite

Fill in the blanks

1. Gold, petroleum and coal are examples of

▼ Answer

Answer: minerals

2. The Crust layer of the earth is

▼ Answer

Answer: thinnest layer

3. Red Fort is made of red

▼ Answer

Answer: sandstone

4. The Taj Mahal is made of white

▼ Answer

Answer: marble

5. The remains of the dead plants and animals trapped in the layers of rocks are called

▼ Answer

Answer: fossils

6. The crust forms only % of the volume of the earth.

▼ Answer

Answer: 0.5

7. The deepest mine in the world is in the

▼ [Answer](#)

Answer: South Africa

8. The main mineral constituents of the continental mass are and

▼ [Answer](#)

Answer: silica and alumina

9. The innermost layer is the core with a radius of about km.

▼ [Answer](#)

Answer: 3500

10. Igneous rocks also called

▼ [Answer](#)

Answer: primary rocks.

Picture Based Questions

1. Draw a structure of the interior of the earth

▼ [Answer](#)

Answer:

