

## Inside Our Earth

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Question 1.

The Deccan plateau is made up of:

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

▼ [Answer](#)

Answer: (c) Basalt

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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

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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

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Question 4.

What is meaning of igneous?

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

▼ [Answer](#)

Answer: (d) Fire

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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

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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

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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

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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

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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

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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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)

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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.

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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.

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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.

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[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

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[Fill in the blanks](#)

1. Gold, petroleum and coal are examples of .....

▼ [Answer](#)

Answer: minerals

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2. The Crust layer of the earth is .....

▼ [Answer](#)

Answer: thinnest layer

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3. Red Fort is made of red .....

▼ [Answer](#)

Answer: sandstone

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4. The Taj Mahal is made of white .....

▼ [Answer](#)

Answer: marble

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

▼ [Answer](#)

Answer: fossils

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

▼ [Answer](#)

Answer: 0.5

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7. The deepest mine in the world is in the .....

▼ [Answer](#)

Answer: South Africa

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

▼ [Answer](#)

Answer: silica and alumina

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

▼ [Answer](#)

Answer: 3500

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10. Igneous rocks also called .....

▼ [Answer](#)

Answer: primary rocks.

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### Picture Based Questions

1. Draw a structure of the interior of the earth

▼ [Answer](#)

Answer:

