

Inside Our Earth

A. Multiple Choice Questions (MCQs)

1. Which is the thinnest layer of the Earth?
(a) Mantle ☐ (b) Crust ☐ (c) Core ☐ (d) Sial ☐
2. What is the radius of the Earth?
(a) 3500 km ☐ (b) 6371 km ☐ (c) 2900 km ☐ (d) 5600 km ☐
3. Which layer of the Earth has highest temperature and pressure?
(a) Mantle ☐ (b) Crust ☐ (c) Sial ☐ (d) Core ☐
4. Molten magma cools and solidify to form :
(a) Igneous rocks ☐ (b) Crust ☐
(c) Metamorphic rocks ☐ (d) Core ☐
5. Granite is an example of :
(a) Intrusive igneous rock ☐ (b) Metamorphic rock ☐
(c) Sedimentary rock ☐ (d) Fossil ☐

B. Fill in the Blanks

1. Any Natural mass of mineral matter that makes up earth's crust is called
2. The remains of the dead plants and animals trapped in the layer of rocks are called
3. is a fiery red molten magma coming out from the interior of the earth on its surface.
4. are naturally occurring substances which have certain physical properties and definite chemical composition.
5. is a very thick layer beneath the crust extending up to 2900 km in depth.
6. The uppermost layer of the earth's surface is called
7. The earth is made up of various type of
8. Rocks formed on the crust are called
9. The process of transformation of the rock from one to another is known as the
10. The crust is about km on the continental mass and only km on the ocean floors.

C. Very Short Answer Type Questions

1. What is the radius of the earth?

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2. What are the three different types of rocks?

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3. Which layer of the earth has highest temperature and pressure?

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4. Name an edible mineral.

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5. In which rock will you find fossils?

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D. Short Answer Type Questions

1. What are primary rocks?

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2. Why is inner core solid whereas the outer core is molten?

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3. What is the difference between lava and magma?

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4. How are sedimentary rocks formed? Give two example.

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E. Long Answer Type Questions

1. Is it possible to reach the center of the earth? Why?

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2. How does the igneous rock formed?

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