

Chapter – 2
INSIDE OUR EARTH
Worksheet - 1

Choose the correct option:

1. The innermost layer of the earth is:

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

2. The division of cores of the earth includes:

- a) Inner core
- b) Techtronic core
- c) Outer core
- d) Both (A) and (c)

3. Which layer of the earth is made up of iron and nickel?

- a) Crust
- b) Lithosphere
- c) Mantle
- d) Core

4. Granite is a rock because it is:

- a) Made up of several minerals.
- b) Natural, inorganic, and has a crystalline structure.
- c) Made up of several different elements.
- d) Found on the earth's surface.

5. The metamorphic rocks are formed under the influence of _____.

- a) High temperature
- b) High pressure
- c) High temperature and pressure
- d) Low pressure

6. What is the most unreliable source to identify a minerals property?

- a) Streak
- b) Colour
- c) Luster
- d) Hardness

7. Which process is necessary for the formation of igneous rocks?

- a) Erosion
- b) Deposition
- c) Metamorphism
- d) Solidification

8. Rocks are made of how many minerals put together?

- a) One
- b) One or more
- c) Two or more
- d) Three

9. What is the difference between a rock and a mineral?

- a) A mineral is more valuable
- b) A rock is made of minerals
- c) A rock is prettier
- d) Both 'a' and 'b'

10. The dense igneous rocks have:

- a) Light colour
- b) Smooth shape
- c) Rough shape
- d) Dark colour

Answer the following Questions.

- 11. What are fossils?
- 12. Describe the interior of the earth.
- 13. What are the three major types of rocks?
- 14. Write about the two types of igneous rocks. How are extrusive and intrusive rocks formed?
- 15. What is a rock?
- 16. What are the uses of rocks?
- 17. Sedimentary rocks are formed from sediments. Justify.
- 18. Describe the main constituents of the core. Give the radius of the core.
- 19. Write a short note about the deepest mine in the world.
- 20. What happens to igneous and sedimentary rocks when they are subjected to great heat and pressure?