

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?