



JAMMU SANSKRITI SCHOOL, JAMMU
LEARN FOR LIFE
(2024-2025)



ASSIGNMENT FOR THE MONTH OF AUGUST

CLASS:7th

SUBJECT:S.SC

WORKSHEET OF INSIDE OUR EARTH

1. Multiple choice question:

- a. Material inside the core is in molten form because the temperature of the core is
1. Extremely high
 2. High
 3. Moderate
- b. Two factors that help in the transport and deposition of sedimentary rocks are
1. Wind and water
 2. Heat and pressure
 3. Plants and animals
- c. Identify the uses of sedimentary rocks by selecting the correct option from the codes given below
1. Fossil fuels like petroleum are obtained from this rock.
 2. These rocks are extremely hard.
 3. These sediments are carried away by wind and rivers.

Codes:

- a. Both I and II b. Both II and III c. Both I and III

2. Answer the following questions:

Short answer questions:

- a. Name the three layers of the interior structure of the Earth.
- b. Define the following terms:
1. Lava
 2. Magma
 3. SIAL
- c. Which rocks are also called the primary rocks?
- d. Differentiate between crust and mantle.
- e. The outer core is composed of which metals?

3. Long answer question:

- a. Write a brief note on the characteristics of igneous, sedimentary and metamorphic rocks.
- b. What are minerals? In what ways minerals useful to humans.
- c. Describe the rock cycle with the help of well labelled diagram of rock cycle.

4. Case Based:

Read the source given below and answer the question that follows.

Mantle is 29,00 Km thick. It is made up of dense and heavy materials such as magnesium, iron and silica. The mantle consists of two layers- the upper mantle and the lower mantle.

What do you know about mantle?

- a. It is the thinnest layer of the Earth, also known as lithosphere_____.
- b. It is the middle layer of the Earth, positioned between the crust and the core_____.
- c. It is made of heavy metals such as nickel and iron_____.