

**J&k POLICE PUBLIC SCHOOL MIRAN SAHIB, JAMMU.**

**Assignment – 4 (2020 – 2021)**

Class – 7<sup>th</sup>

M.M: 20

Subject – S.st ( Geography )

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Topic : Inside Our Earth

**Chapter In A Nutshell :-**

- **Earth** is like an onion with **concentric layers**. It is continuously changing and is called a dynamic planet.
- Uppermost layer of the earth is **crust**, next layer is **mantle** and innermost layer is **core**.
- Crust is made up of rocks and minerals. Rocks are of three types – **igneous, sedimentary** and **metamorphic**.
- **Igneous** rocks also called **primary rocks** are formed by the solidification of lava. They are of two types –

**intrusive and extrusive.**

- Deposition and accumulation of sediments form **sedimentary** rocks.
- Excessive heat or pressure changes the original rock forming **metamorphic** rocks.
- The process of transformation of rocks from one form to another is called **rock cycle**.
- Rocks are made up of minerals.
- Minerals are naturally occurring substances which have definite physical and chemical composition.

**Q1: Write True or False :-**

**( 3marks )**

(1) Rocks are used in medicine. (.....)

- (2) Limestone changes into marble. (.....)
- (3) Core has very high temperature and pressure. (.....)
- (4) Basalt is a metamorphic rock. (.....)
- (5) Fossils are remains of dead plants and animals. (.....)
- (6) The thinnest layer of the Earth is Mantle. (.....)

**Q2: Match the columns :- ( 3marks )**

<b>Column A</b>	<b>Column B</b>
1) Sial	a) Extrusive igneous rock
2) Sima	b) Intrusive igneous rock
3) Nife	c) Metamorphic rocks
4) Basalt	d) Silica and Alumina
5) Granite	e) Silica and Magnesium
6) Slate and Marble	f) Nickel and Ferrous

**Q3: Tick the correct option :- ( 4marks )**

- (1) Where is the deepest mine in the world located –
  - a) South America
  - b) South India
  - c) South Africa
  - d) South China
- (2) The depth of the deepest mine in South Africa is –
  - a) 1 km
  - b) 3 km
  - c) 2 km
  - d) 4km
- (3) What is the latin term of Igneous –
  - a) Ignis
  - c) Sedimentum

- b) Metamorphose                      d) None of these
- (4) Which rock is the molten magma made up of –
- a) Igneous                                      c) Metamorphic
- b) Sedimentary                                d) None of these

**Q4: Give one word answers :-                      ( 3marks )**

- (1) Name the dynamic planet in the Milky Way galaxy?
- (2) What is the radius of earth?
- (3) Which rocks are also known as primary rocks?

**Q5: Short Answer Type Questions :-                      ( 4marks )**

- (1) What is a rock? Name three types of rocks?
- (2) Define Interior of the Earth? What are the three layers of the earth?

**Q6: Long Answer Type Questions :-                      ( 3marks )**

- (1) Give reasons –  
“We cannot go to the centre of the earth”?