



INDIAN SCHOOL AL WADI AL KABIR

Class: VII	Department: Social Science	Sub: Geography
Worksheet No: 5	Topic: Inside the Earth	Year: 2023-24

I	Fill in the blanks : -												
1	The upper most layer of the earth surface is called an the _____ Crust												
2	The oceanic crust mainly consists of _____ and _____ Silica and Magnesium												
3	The earth's crust is made up of various types of _____ Rocks.												
4	The Igneous and the sedimentary rocks change into the _____ Metamorphic rocks.												
5	The remains of the dead plants and animals trapped in the layers of rocks are called _____ Fossils												
II	Match the following: -												
	<table><thead><tr><th>Column A</th><th>Column B</th></tr></thead><tbody><tr><td>6.Slate</td><td>a. Seven Stones</td></tr><tr><td>7.Sandstone</td><td>b. Granite</td></tr><tr><td>8.Pitthoo</td><td>c. Metamorphic Rocks</td></tr><tr><td>9.Grinding Stone</td><td>d. Changes into Slate</td></tr><tr><td></td><td>e. Sedimentary Rocks</td></tr></tbody></table> Answers: - 6.c, 7.d, 8.a, 9.b	Column A	Column B	6.Slate	a. Seven Stones	7.Sandstone	b. Granite	8.Pitthoo	c. Metamorphic Rocks	9.Grinding Stone	d. Changes into Slate		e. Sedimentary Rocks
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III	Answer in one or two sentences: -												
10	What is the radius of the Earth's core? The Core of the Earth has a radius of about 3500 km.												
11	What is the meaning of the Latin word 'igneous'? Latin word for igneous is Ignis meaning fire.												
12	What is crust? The uppermost layer over the earth's surface is called the crust.												
13	Which mineral is found in the core? Nickel and iron												
IV	Answer in details: -												
14	What are the various uses of rocks? The uses of rocks are: <ul style="list-style-type: none">❖ Hard rocks are used to make supporting structures of buildings, industries, roads, etc.❖ Rocks like stones, marble, granite, slates are used to make houses and other constructions.❖ You can use rocks to play different games like hopscotch, seven stone and five stone games.❖ They are used to create writing materials like chalks.												

- ❖ Cement is created by sedimentary rocks.
- ❖ Bath scrubs are made from igneous rocks.
- ❖ Statues, ornaments are built from metamorphic rocks.

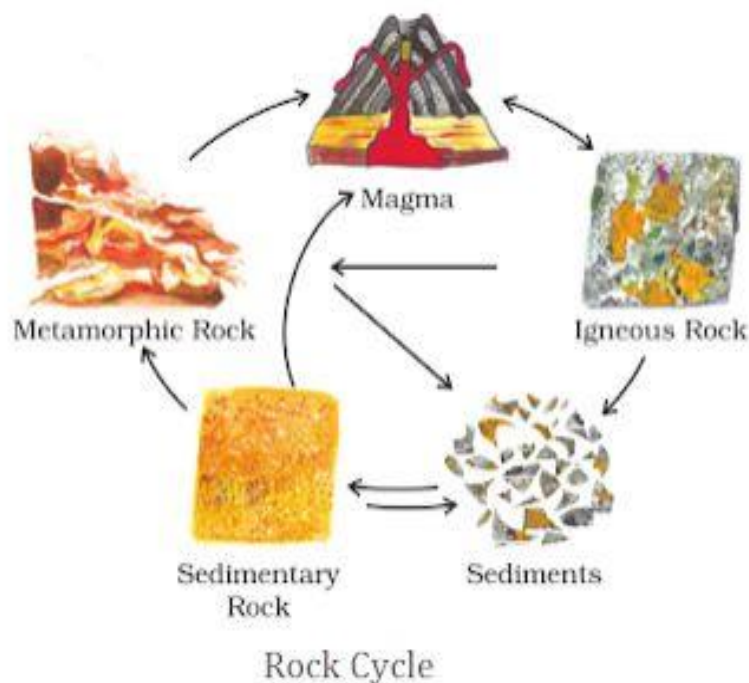
15 Explain the three types of rocks.

- ❖ **Igneous rocks** - When the molten magma cools, it becomes solid. Rocks formed in this way are called igneous rocks or primary rocks. Igneous rocks are of two types-intrusive rocks and extrusive rocks. For example, Basalt, Granite etc.
- ❖ **Sedimentary rocks** - Small fragments of rocks are called sediments which are transported and deposited by wind, water, etc. These loose sediments are compressed and hardened to form sedimentary rocks. For example, sandstone is made from grains of sand.
- ❖ **Metamorphic rocks** - When igneous and sedimentary rocks are subjected to great heat and pressure they change into metamorphic rocks. For example, clay changes into slate and limestone into marble.

16 Differentiate between the Igneous and the Sedimentary rocks.

Igneous Rocks	Sedimentary Rocks.
<ul style="list-style-type: none"> ❖ When the molten magma cools, it becomes solid and rocks formed in this way are called igneous rocks. ❖ They are also called primary rocks. ❖ They are of two types—intrusive rocks and extrusive rocks. ❖ For example, basalt, granite etc. 	<ul style="list-style-type: none"> ❖ Small fragments of rocks are called sediments. ❖ These sediments are transported and deposited by wind, water, etc. ❖ These loose sediments are compressed and hardened to form sedimentary rocks. ❖ For example, sandstone is made from grains of sand.

17 Draw and label the diagram of 'Rock Cycle'



18 Draw and label the diagram of 'Interior of the Earth'

