



INDIAN SCHOOL AL WADI AL KABIR

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| Class: VII | Department: Social Science | |
| Worksheet No: 5 | Topic: Inside our Earth | Year:2021-22 |

| I | Fill in the Blanks :- | | | | | | | | | | | | | | | |
|-----------------|---|---|--|-----------------|------------|---|---|---------|---|---------------------|-----------|---|---------------------|------------|---|-----------------------------|
| 1 | The radius of the core is about 3500 km | | | | | | | | | | | | | | | |
| 2 | The earth's crust is made up of various types of Rocks. | | | | | | | | | | | | | | | |
| 3 | Igneous and sedimentary rocks change into Metamorphic rocks. | | | | | | | | | | | | | | | |
| II | Match the Following:- | | | | | | | | | | | | | | | |
| | <table><thead><tr><th>Column A</th><th></th><th>Column B</th></tr></thead><tbody><tr><td>1.Minerals</td><td>-</td><td>(a) Remains of the dead plant and animals</td></tr><tr><td>2.Crust</td><td>-</td><td>(b) Below the crust</td></tr><tr><td>3. Mantle</td><td>-</td><td>(c) Uppermost layer</td></tr><tr><td>4. Fossils</td><td>-</td><td>(d) Very useful for mankind</td></tr></tbody></table> <p>Answers: 1 (d), 2 (c), 3. (b), 4. (a)</p> | Column A | | Column B | 1.Minerals | - | (a) Remains of the dead plant and animals | 2.Crust | - | (b) Below the crust | 3. Mantle | - | (c) Uppermost layer | 4. Fossils | - | (d) Very useful for mankind |
| Column A | | Column B | | | | | | | | | | | | | | |
| 1.Minerals | - | (a) Remains of the dead plant and animals | | | | | | | | | | | | | | |
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| 4. Fossils | - | (d) Very useful for mankind | | | | | | | | | | | | | | |
| III | Name the following :- | | | | | | | | | | | | | | | |
| 1 | The constituents of the oceanic crust - Silica and Magnesium | | | | | | | | | | | | | | | |
| 2 | The process of transformation of the rock from one form to another – Rock cycle | | | | | | | | | | | | | | | |
| 3 | Rocks formed by the rapid cooling of the molten lava - Extrusive rocks | | | | | | | | | | | | | | | |
| 4 | The small broken down fragments of rocks are called - Sediments | | | | | | | | | | | | | | | |
| 5 | Igneous rocks are also called – Primary Rock | | | | | | | | | | | | | | | |
| 6 | Rocks formed by the molten lava deep inside the Earth's crust - Intrusive rocks | | | | | | | | | | | | | | | |
| IV | Answer the Following:- | | | | | | | | | | | | | | | |
| 1 | How are minerals useful for mankind? <ul style="list-style-type: none">❖ Minerals are very useful for mankind.❖ Some minerals like coal, natural gas and petroleum are used as fuels.❖ They are also used in industries. Iron, aluminum, gold, uranium etc. are used in medicine, in Fertilizers etc. | | | | | | | | | | | | | | | |
| 2 | Explain the three types of rocks. <ul style="list-style-type: none">❖ 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.

3 Differentiate between Igneous and 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. |

V Label the Diagram

Cross Section of the Earth

