

Weekly Assignment (2024-25)

Class : V

Subject : Science

I. Choose the correct option.

1. What are igneous rocks formed from?
(a) Sand (b) lava or magma
(c) wind (d) water
2. Which of the following is an example of an igneous rock?
(a) Limestone (b) Granite
(c) Sandstone (d) Shale
3. What are the main characteristics of igneous rocks?
(a) They are formed by wind and rain.
(b) They are made from cooled magma or lava.
(c) They are formed from layers of sand.
(d) They are created from plant remains.
4. It is the most abundant sedimentary rock.
(a) Shale (b) limestone
(c) marble (d) granite
5. Which of the following igneous rocks is light and can float on water?
(a) Granite (b) basalt
(c) obsidian (d) pumice
6. Which igneous rock is known for having a glassy texture?
(a) Basalt (b) granite
(c) obsidian (d) sandstone

II. State True or False.

1. Granite is an example of a sedimentary rock.
2. All igneous rocks are formed by the action of wind and water.
3. Shale is made-up of clay and mud particles piled up in layers.
4. Rocks are combination of one or more minerals.

III. Match the following.

1. Magma (a) Red fort and Qutub Minar
2. Obsidian (b) chalk
3. Pumice (c) molten rock beneath the Earth's surface
4. Limestone (d) to make ornaments and jewellery
5. Sandstone (e) foot scrub

IV. Give one word answer.

1. The dark coloured, fine grained igneous rock that forms from rapidly cooling lava.
2. The large coarse grained igneous rock that is commonly used in countertops and monuments.
3. The molten materials that erupt from a volcano and cools to form igneous rock.
4. Scientists who study rocks are called.

V. Give reason why.

Pumice rocks are light in weight.

VI. Draw and label.

Diagram showing formation of igneous rock.

