



SHREE VASISHTHA VIDHYALAYA

Science Worksheet 2025-26

Name : - _____

Roll No. :- _____

Worksheet No. CA-6

Std.:- V - _____

Date : - _____



Ch 8: Soil Erosion and Conservation. Ch 9: Rocks and Minerals

Q-1. Multiple Choice Questions

- 1) Removal of top fertile soil is called
 - a) Weathering
 - b) Soil erosion
 - c) Deposition
- 2) Which activity causes soil erosion?
 - a) Afforestation
 - b) Overgrazing
 - c) cover crop
- 3) Trees help in soil conservation because they -----
 - a) Increase heat
 - b) Hold soil with roots
 - c) Produce minerals
- 4) Rocks formed from magma are -----
 - a) Sedimentary
 - b) Metamorphic
 - c) Igneous
- 5) Which agent causes soil erosion naturally?
 - a) Tractor
 - b) Wind
 - c) Plough
- 6) Marble is a -----
 - a) Igneous rock
 - b) Sedimentary rock
 - c) Metamorphic rock
- 7) Which of the following is a non-metallic mineral?
 - a) Iron ore
 - b) Coal
 - c) Copper ore
- 8) Which of the following mineral is important for radio and electronic industries?
 - a) Quartz
 - b) Coal
 - c) Copper
- 9) Terrace farming is practiced mainly in -----
 - a) hilly areas
 - b) deserts
 - c) coastal areas
- 10) Coal is mainly used as -----
 - a) medicine
 - b) fuel
 - c) fertilizer
- 11) Limestone is used to make
 - a) Glass
 - b) Cement
 - c) Paper

Q-2) Fill in the Blanks

- 1) The top layer of soil is the most _____ layer.
- 2) Wind and water are agents of soil _____.
- 3) Planting trees is called _____.
- 4) Rocks are made up of _____.
- 5) Granite is an _____ rock.
- 6) _____ rocks are formed in layers.
- 7) Graphite is used to make _____.
- 8) Chalk is one form of _____.
- 9) Metamorphosis means _____.

Q-3) True or False

- 1) Erosion reduces soil fertility. _____
- 2) Deforestation helps in soil conservation. _____
- 3) Pumice rocks are light weight rocks. _____
- 4) Sedimentary rocks are very hard. _____
- 5) Minerals are useful to humans. _____

- 6) Coal is a renewable resource.
7) Marble is used for making statues.

Q-4) Match the Following

Column A

- 1) Haematite
- 2) Soil
- 3) Chambal valley
- 4) Limestone
- 5) Plains of Ganga
- 6) Obsidian

Column B

- a) Black glass
- b) calcite
- c) Fertile region
- d) Running water
- e) Natural resource
- f) Iron

Ans:-

- 1- -----
- 2- -----
- 3- -----
- 4- -----
- 5- -----
- 6- -----

Q-5) Think and Write

- 1) Why is soil important for plants?

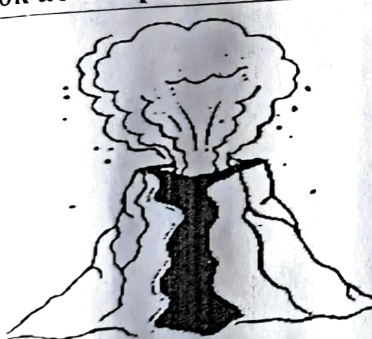

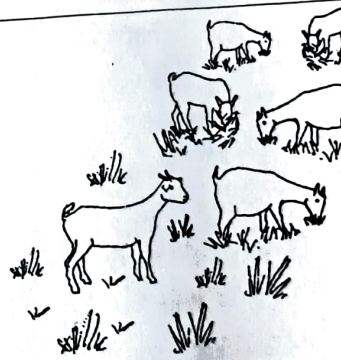
- 2) How does afforestation help prevent soil erosion?

- 3) Why are minerals important to us?

- 4) Plains of Ganga and Yamuna in northern India is very fertile. Why?

Q-6) Picture Talk

Look at the picture and answer the questions.

<p>1)</p> 	<p>2)</p> 	<p>3)</p> 
<p>a) Identify the phenomenon occurring in this picture.</p> <p>_____</p> <p>_____</p> <p>b) Which type of rock is formed due to this phenomenon.</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>1) Identify the farming method.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>2) Why is it used?</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>1) Identify the cause of soil erosion .</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>3) How to control it?</p> <p>_____</p> <p>_____</p> <p>_____</p>