

Azaan International School

Grade: V

Worksheet

Subject: Science

Name: _____ Date: _____ Roll no: ____ Sec: _____

Chapter 3: Soil erosion and conservation

I. Fill in the blanks

1. The removal of top soil by wind or water is called _____.
2. Crops that are grown to cover the land until the new crop is sown to protect the soil from erosion are called _____.
3. Plants that act as barriers to reduce the force of wind are called _____.
4. The planting of trees to establish a forest like area where there were no trees previously is called _____.
5. _____ is organic matter made of dead plants and animals.
6. A land that does not have plants growing on it is called _____.

II. Choose the correct option.

1. Weathering of rocks can be caused by
a. plants b. animals c. wind and water d. all of these
2. This is used to conserve Soil from erosion.
a. overgrazing b. plantation c. deforestation d. ploughing
3. Soil erosion due to wind is highest in areas where there is
a. less vegetation b. more plants c. more water d. less animals .
4. These are built to prevent soil erosion near river banks.
a. shelter belts b. embankments c. terrace farms d. none
5. The trees grown on the edges of farmland as windbreakers are called
a. cover crops b. soil cover c. shelter belts d. terrace farms

III. State true or false.

1. Roots of plants hold soil particles and prevent soil erosion. ()
2. Deforestation and strong winds are the two natural causes of soil erosion. ()
3. Excess use of chemical fertilisers and insecticides increase the fertility of the soil. ()

4. Changes in temperature is also a cause of soil erosion. ()

5. We use products from soil to build our houses. ()

IV. Match the following.

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|---------------------------|---|-------------------|
| 1. Loss of soil | ● | afforestation |
| 2. Cutting down of trees | ● | terrace farming |
| 3. Farming on hill slopes | ● | deforestation |
| 4. Planting more trees | ● | soil conservation |
| 5. Protection of soil | ● | soil erosion |

V. Look at the pictures and write the different ways in which soil is being conserved.



VI. Give reasons.

1. Cattle should not be taken for grazing to the same pastures.
