



INDIAN SCHOOL DARSAIT DEPARTMENT OF SCIENCE



Subject : SCIENCE

Topic : SOIL

Date of Worksheet : 12.08.2018

Resource Person: Mrs Sandhya Jitheesh

Name of the Student : _____

Class & Division : _____

Roll Number : ____

- 1 Which of the following has the smallest size of particles 1
a) Sand b) Silt c) Clay d) Gravel
- 2 Paddy grows best in 1
a) Clayey soil b) Loamy soil c) Sandy soil d) Sandy- loam
- 3 Which soil 1
a) allows more water to percolate- Sandy or clayey soil? Why?
b) absorbs more water- Sandy or clayey soil?
- 4 **III Name the following :** 1
1. Two agents of weathering. Mark
2. The type of soil that can hold more water. each
3. The soil which is a mixture of sand, clay and silt.
4. Three agents of soil erosion.
5. The type of soil used for making pottery.
6. In deserts, soil erosion occurs through this.
7. Humus is present in this layer of soil profile.
- 5 **II. Write True or False :** 1
1. If the amount of large and fine particles is about the same, then the soil is called loamy soil. Mark
2. The layer which is hard and difficult to dig with spade is called top soil. Each
3. Sandy soil is used to make pots, toys and statues.
4. Soil is affected by climatic factors.
5. The soil which is light, well aerated and rather dry is clayey soil.
6. Cotton is grown in sandy loam soil.
7. Soil erosion takes place in areas of heavy vegetation.
- 6 **I. Fill in the blanks :** 1
1. The rotting dead matter in the soil is called _____.
2. A vertical section through different layers of the soil is called _____.
3. Percolation rate of water is the highest in the _____ soil and least in the _____ soil.
4. The best top soil for growing plants is _____.