

---

**WORK SHEET**  
**SECOND TERM**  
**SUBJECT- SCIENCE**  
**LESSON- SOIL**  
**CLASS- VII**

---

**I. Fill in the blanks:-**

1. Water seeps \_\_\_\_\_ through sandy soil than clayey soil.
2. Soil is formed by \_\_\_\_\_ of rocks.
3. \_\_\_\_\_ soil is formed in tropical countries.
4. \_\_\_\_\_ soil is found in Gujarat.

**II Choose the correct option:-**

1. The smallest particles of soil are called  
(a) Clay      (b) Sand      (c) Silt      (d) Gravel
2. The hard layer of rocks below the C horizon is called  
(a) Bottom Rock      (b) Substratum      (c) Bed Rock      (d) Gravel
3. The Decomposition of Organic matter forms  
(a) Humus      (b) Coarse soil      (c) sandy soil      (d) all
4. A protozoan which help to improve the fertility of soil is  
(a) Algae      (b) Fungi      (c) Amoeba      (d) bacteria

**III Name the following:-**

1. Soils which are light and easy to plough.
2. Living Organisms in the soil are referred as.
3. Soil formed by weathering of volcanic rocks.
4. Soil made up of sand ,silt and clay particles which is best for the growth of plants.

**IV Define the following :**

1. Lateritic soil
2. Alluvial soil

**V Draw the following diagrams:**

1. Structure of clayey soil
2. Layers of soil

**VI Give reasons for the following:**

1. Protozoans help to improve the fertility of soil.
2. Red soil are red in colour.

**VII Answer the following in not more *than* 20 words :**

1. What role does the oxygen present in air play in the formation of soil?
2. How do changes in temperature help in weathering rocks?

**VIII Answer the following in not more than 40 words:**

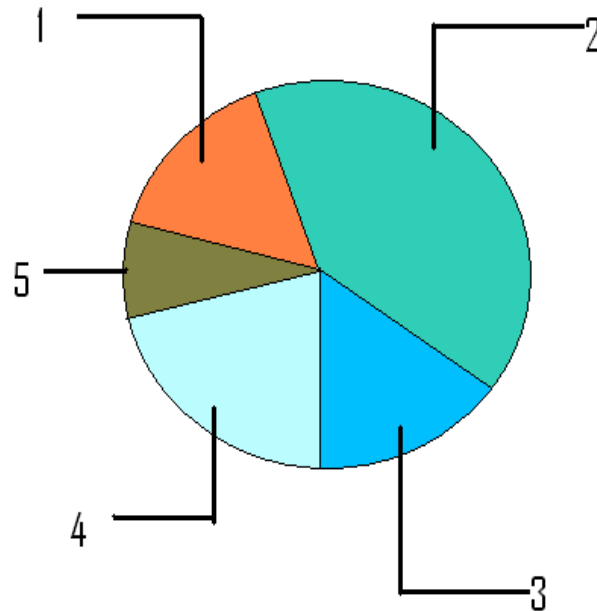
1. What happens to the rainwater that seeps through the top soil?
2. What characteristics of soil have a role to play in the growth of the plants?

**IX Answer the following in not more than 100 words:**

1. What are the advantages and disadvantages of sandy and clayey soil?
2. What are the organisms living in the soil called? How do they help to improve the fertility of soil?

**X Answer the following questions based on the diagram:**

1. Give suitable heading to the diagram.
2. Which component of the soil is best for the growth of the plant?



\*\*\*\*\*