

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Soil

Q1. Describe the different layers of soil profile.

Ans.

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## Soil

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Ans. Different layers of soil profile

- i. The uppermost horizon is generally dark in colour as it is rich in humus and minerals. The humus makes the soil fertile and provides nutrients to growing plants. This layer is generally soft, porous and can retain more water. It is called the topsoil or the A-horizon. This provides shelter for many living organisms such as worms, rodents, moles and beetles. The roots of small plants are embedded entirely in the topsoil.
- ii. The next layer has a lesser amount of humus but more of minerals. This layer is generally harder and more compact and is called the B-horizon or the middle layer.
- iii. The third layer is the C-horizon, which is made up of small lumps of rocks with cracks and crevices.
- iv. Below this layer is the bedrock, which is hard and difficult to dig with a spade.