**Ls 3: SOIL**

**Difficult words: (Write 5 times each word)**

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| --- | --- | --- | --- | --- | --- |
| **Soil** | **Humus** | **Clayey** | **Loamy** | **Earthworms** | **Potters** |
| **Gravel** | **Nutrients** | **Sandy** | **Manure** | **Kutcha house** |  |

**4 Answer in brief:**

**1) What is soil ?**

Ans: Soil is the upper layer of the earth on which plants grow and on which we walk.

**2) What is manure ?**

Ans: Manure is a mixture of cow dung and decaying plant matter. The addition of manure helps to make the soil more fertile.

**3)What are the different types types of soil**?

Ans-There are three different types of soil.

1.Loamy Soil 2.Clayey Soil 3.Sandy Soil

**Answer in detail:**

**1) How is soil formed?**

Ans: a) Soil is formed when rocks break down into smaller pieces due to the action of water, wind, heat, and cold.

b) It takes millions of years for rocks to break up into tiny particles.

c) Dead and decayed plants and animal matter also mix with tiny rocks to form soil.

**2) How are dead leaves and insects useful to us?**

Ans: a)Dead leaves help in making manure.

b) Insects such as earthworms, rabbits, ants, snakes, and moles are also useful as they dig into the soil and make the soil loose.

**3) Earthworms and ants live in the soil. Where do they get air to breathe from?**

Ans: Soil contains air and hence the earthworms and ants living in the soil can breathe.

**4) What are the uses of soil?**

Ans: The uses of soil are:

•Plants grow in the soil. The soil provides water and nutrients which help plants to grow well. It provides us foods including grains, vegetables, and fruits.

•It provides homes to rats, earthworms, rabbits, and ants.

•People use mud to make kutcha houses.

•Potters use clayey soil to make clay pots.

•Sandy soil is used in the construction of buildings.

**1. Give one reason why (HOTS)**

**a)Most plants grow best in loamy soil.**

Ans) Because it is a mixture of sand, clay, and humus and also holds the right amount of both air and water.

**b) All plants cannot grow well in sandy soil.**

Ans:Because it can hold very little water which is not suitable for all the plants.

**2 .Analyse the importance of soil in our life.--** Ans- Refer ans in detail 4th answer