

SESSION :3

CLASS :4

SUBJECT : SOCIAL SCIENCE

CHAPTER NUMBER: 10

CHAPTER NAME : SOILS OF INDIA

**SUBTOPIC : TYPES OF SOIL - LATERITE SOIL, DESERT SOIL,
MOUNTAIN SOIL, SOIL EROSION**

CHANGING YOUR TOMORROW

Laterite Soil

- This type of soil is found in the Western Ghats and parts of Tamil Nadu.
- It is rich in iron and aluminium. Desert soil, Laterite soil, Kerala and is red in colour.
- It is good for crops such as tea, Coffee, spices, coconut and rubber.



Desert Soil

- **Desert soil contains mostly sand. It is found mainly in Rajasthan and Gujarat. Sandy soil cannot hold much water. It is, therefore, not fertile.**



Mountain Soil

- Mountain soil is very rich in humus.
- Humus is the remains of dead plants and animals.
- The minerals present in the humus make the soil very fertile.
- Mountain soil is found in the Himalayan region, and in the north-eastern parts of India.
- The soil is very good for growing fruits such as apple, pear, peach and plum



Soil Erosion

- Sometimes, the fertile top layer of the soil is carried away by wind and water to a different place. This is called soil erosion.
- It makes the land infertile.
- Roots of plants hold the soil together and prevent erosion.
- We cut trees for fuel, and to build farms, cities and roads.
- This is called deforestation.
- Deforestation causes an increase in soil erosion.
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- **Planting trees, or afforestation, is the most important method of preventing soil erosion. Covering bare farmland with grass or dried vegetation, terrace farming in hills and building embankments along river banks are some other methods of preventing soil erosion.**

A. Fill in the blanks.

1. Soil is an important _____ resource.

Ans. natural

2. The _____ soil of the Northern Plains is very fertile.

Ans. Alluvial

3. Cotton grows best in _____ soil.

Ans. Black

4. Desert soil contains mainly _____ and is not fertile.

Ans. sand

B. Write T for true and F for false sentences.

1. Soil is made by breaking up of rocks.

Ans. True

2. Black soil is more fertile than red soil.

Ans. True

3. Mountain soil is very fertile.

Ans. True

4. Soil erosion can be controlled by planting trees.

Ans. True

C. Match the columns.

1. Desert soil

2. Laterite soil

3. Black soil

4. Red soil

5. Alluvial soil

a. Rice

b. Cotton

c. Rajasthan

d. Coffee

e. Jowar, bajra

HOMework

How do the Earthworms help to increase the fertility of the soil in the project record.

LEARNING OUTCOME

The learners will be able to know

- Different types of soil.
- Soil erosion
- How to conserve soil.

THANKING YOU
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