

BCM School Basant Avenue Dugri, Ludhiana

Social Studies

Assignment(ch-9 and ch-14)

Class IV

Read the source below and answer the following questions:

Fertility of soil on which growth of plants and trees depends, is affected by many factors. All soil types are not equally fertile because they are composed of different types of materials. Alluvial soil is very fertile. It is found in the Northern and the Coastal Plains. It is made of fine sand and silt. These are carried or washed down by the rivers that flow down from the Himalayas and the hills of Deccan plateau. The fine sand and silt get deposited on the river banks during annual flooding. It is ideal for growing crops such as rice, wheat, maize, sugarcane, tobacco, oilseeds, pulses, cotton, vegetables and fruits

Question /Answers

1. Why all soil types are not equally fertile ?

Ans. All soils are not equally fertile because they are composed of different types of materials.

2. Where can we find Alluvial soil?

Ans. Northern and coastal plains.

3. Name the crops which are grown using Alluvial soil ?

Ans. Rice, wheat, maize, sugarcane, tobacco, oilseeds, pulses.

II. Multiple Choice Questions:

1. The uppermost layer of Earth's surface that supports plant life.

(a) **soil** (b) humus (c) compost

2. Erosion of minerals from soil is

(a) **leaching** (b) manure (c) organic

3. Rice is the staple food crop of

(a) **southern and eastern India** (b). Northern and western India (c) none of these

4. Groundnut is grown in

(a) **Gujarat** (b) Haryana (c) Tamil Nadu

III. Match the following:

- | | |
|---------------|------------------------------|
| 1. soil | alluvial soil 2 |
| 2. Fertile | renewable natural resource 1 |
| 3. black soil | arid region 3 |
| 4. jute | India 5 |
| 5. sugarcane | Golden fibre of india 4 |

IV. True /False:

- Soil is important because it supports plant life T
- Soil is non renewable natural resource F
- Desert soil is found in arid regions T
- Erosion of minerals from the soil is leaching T

V. Fill ups

- Wearing away or removal of soil by the action of water and wind is called soil erosion
- Practice terrace farming in hilly areas.
- Red soil cannot retain moisture.
- Farming is the main occupation of the people of India .
- kharif and rabi are the two main agricultural seasons.

VII. Question Answer:

- List the factors that influence the fertility of soil

Ans: The factors that influence that influence the fertility of soil are

- climate
- vegetation
- availability of water

- List the causes of soil erosion?

Ans: The main causes of soil erosion are

- cutting down of trees
- putting out grass
- overgrazing by animals
- Rainwater and strong winds carry the loose soil away .

3.How does the quality of crops improve in India ?

3.Quality of crops improved due to adoption of modern techniques of farming .The modern techniques of farming are :

1.By using good quality seeds

2.use of manure

3.Irrigation facility

4.. Why is soil an important resource?

Soil is an important resource because

1.It supports plant life and increases the growth of plants

2.Its water holding capacity not only supports plants, but also replenishes

Ground water.

5.Name the crops which are grown in Kharif season?

Main crops grown in kharif season are Rice ,millets ,maize cotton and jute .