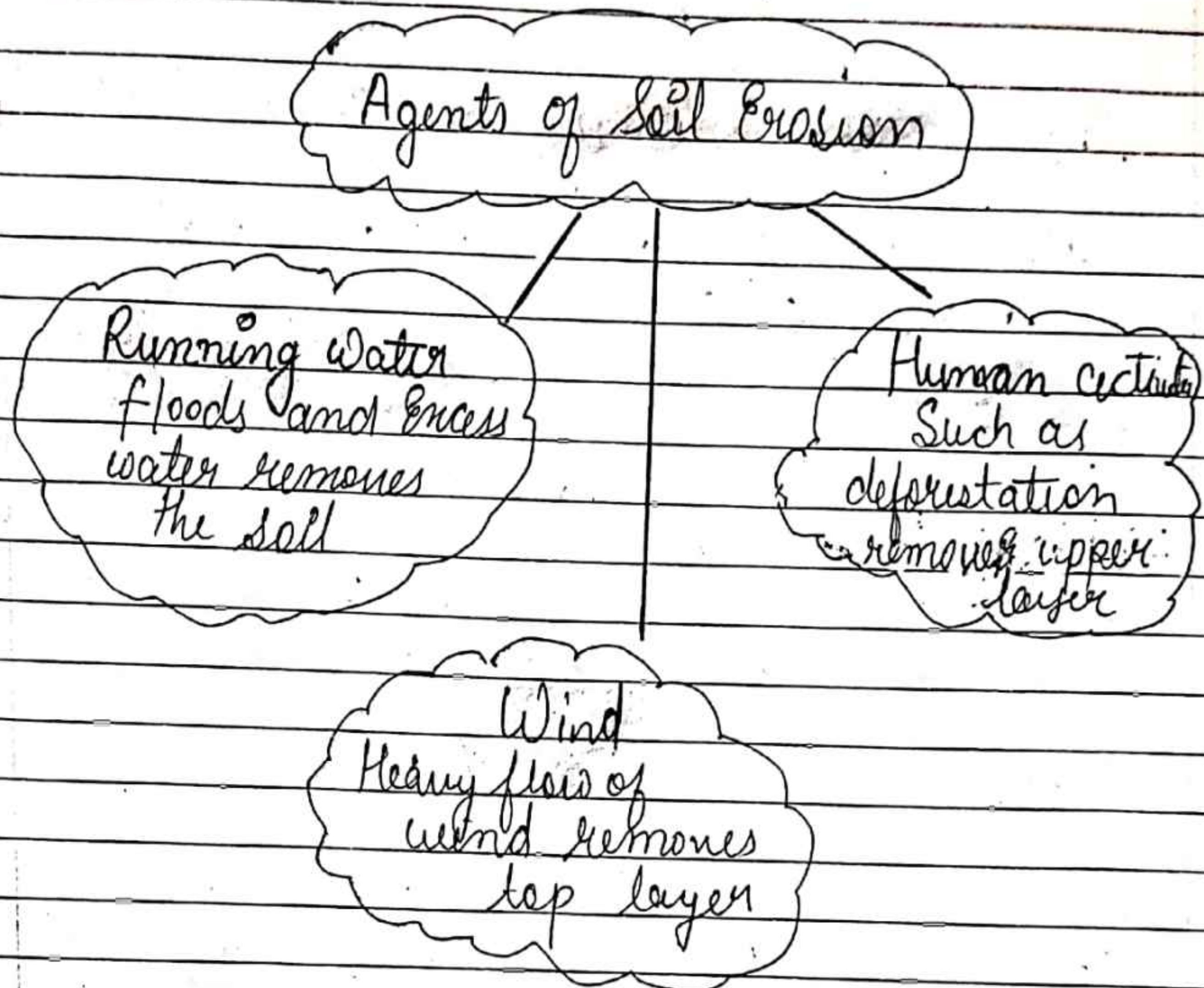


CHAPTER - 8 SOIL EROSION and CONSERVATION

* MIND MAP



* HARD WORDS :->

- | | |
|-----------|------------------|
| ① Silting | ② Embankment |
| ③ Dune | ④ Gullies |
| ⑤ Bunds | ⑦ Manure |
| ⑥ Sorrow | ⑧ Indiscriminate |

9. Conservation

10. Terrace

11. Shield

* Answer the following in short

Q1 Why soil is an important natural resource?

Ans1 Soil is an important natural resource because there would be no life without soil. All living things depends on soil for their survival. It is a home for many animals.

Q2 How soil is formed?

Ans2 Soil is formed by the process called weathering wherein rocks break down by the combined action of wind, rain and sun.

Q3 What is soil Erosion and its agents?

Ans3 It is a gradual process, that occurs when the top soil is removed from the surface of earth by heavy rain, running water or winds.

The agents of soil erosion are

1. Running Water
2. Wind
3. Human Activities

Q4 How can you stop soil Erosion near a mine?

Ans4 Bunds and Embankments are built to stop soil erosion near a mine

* Answer the following question ^{briefly} ~~in long~~

Q1 How does man cause soil Erosion?

Ans1 Human activities can cause soil erosion in a number of ways

(1) Deforestation : Indiscriminate cutting of trees exposes the top soil which easily gets eroded by wind or rain.

(2) Overgrazing : Overgrazing by animals destroys the grass covered and leads to soil erosion.

Q2 How does rain cause soil erosion?

Ans 2 Rain ~~on~~ ~~displaces~~ displaces the soil on the ground. The more water flowing over the land, the more particles are moved or transported away. Splashed particles from the rainfall clog soil pores which seals off the soil surface and leads to poor water infiltration.

Q3 How can you conserve soil in the fields? Give three ways

- Ans 3 → Soil in the fields can be conserved by building 'Bunds' around the farm land. These bunds prevent rainwater from washing away the top soil.
- Planting trees and bushes around the farm land also helps to protect soil.
 - After harvesting of crops and before the planting of a new crop, farmers should cover the land with crops like grass or creepers to prevent soil from

being blown away.

Give Reasons for the following:

Q1 The Huang Ho is called the
Sorrow of China.

Ans1 The Huang Ho is called the sorrow of China because of its history of flooding, changing course which leads to loss of crops, life and property.

Q2 Some rivers change their course

Ans2 Some rivers change their course due to the accumulation of silt on the river bed.

Q3 farmers plant cover crops in
between two crops.

Ans3 farmers plant cover crops in between two crops to keep the land covered and prevent the soil from being blown off.

Q4 The fertility of soil is lost due
to soil erosion.

Ans4 The fertility of soil is lost due to soil erosion because the top layer of the soil, which is rich in

nutrients is removed from the surface of earth by heavy rain, water or wind

Q5 It is essential to preserve and protect soil.

Ans 5 It is essential to preserve and protect soil because all living things depend on soil for their survival.

Q6 Trees and shrubs are planted on the boundaries of farmlands.

Ans 6 Trees and shrubs are planted on the boundaries of farmland to reduce soil erosion.

Define :

1. Silting : Process of accumulation of mud on a river bed is called silting.

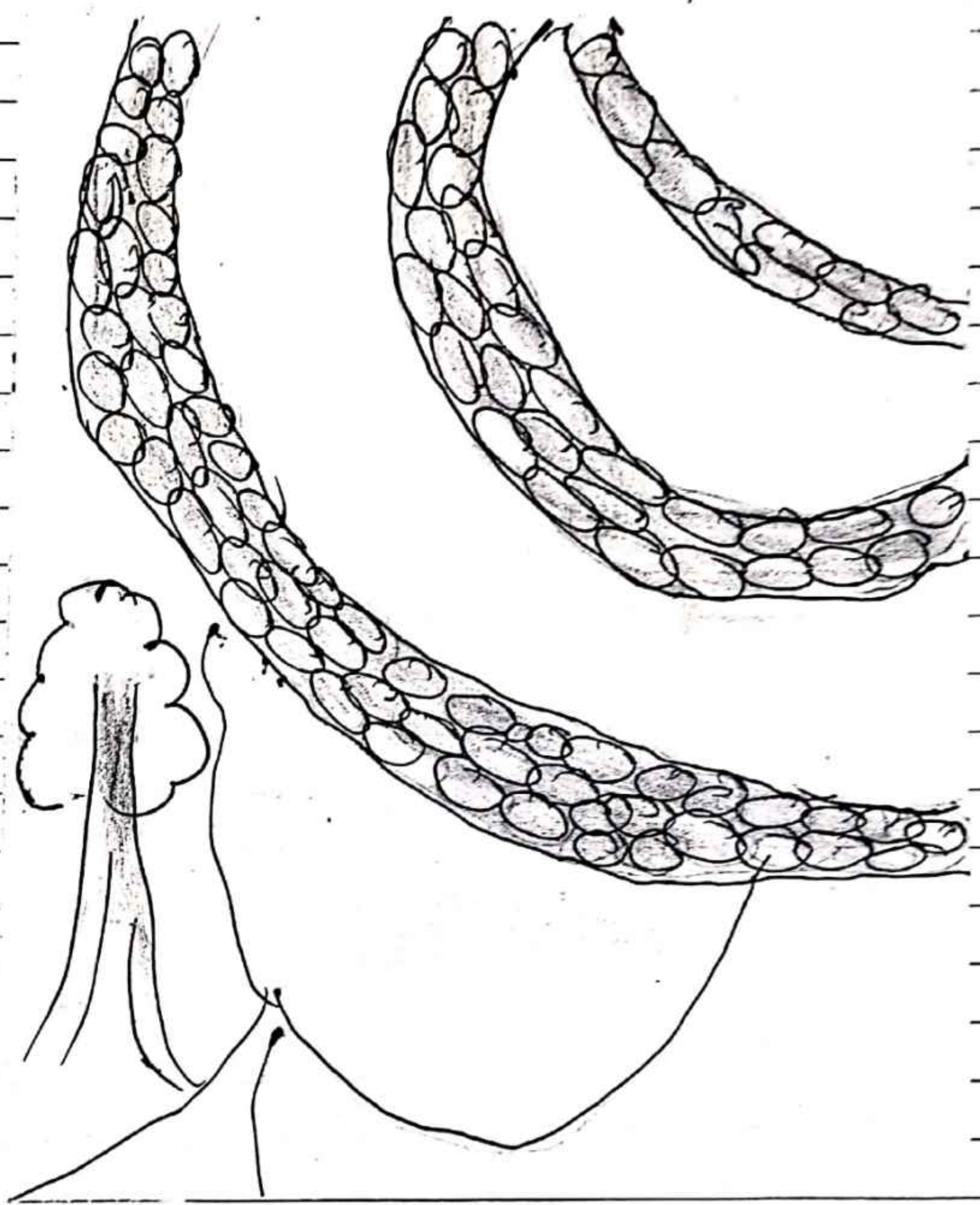
2. Deforestation : Cutting down of trees in large numbers is called deforestation.

3. Soil Erosion : The removal of humus rich layer of soil is called soil erosion.

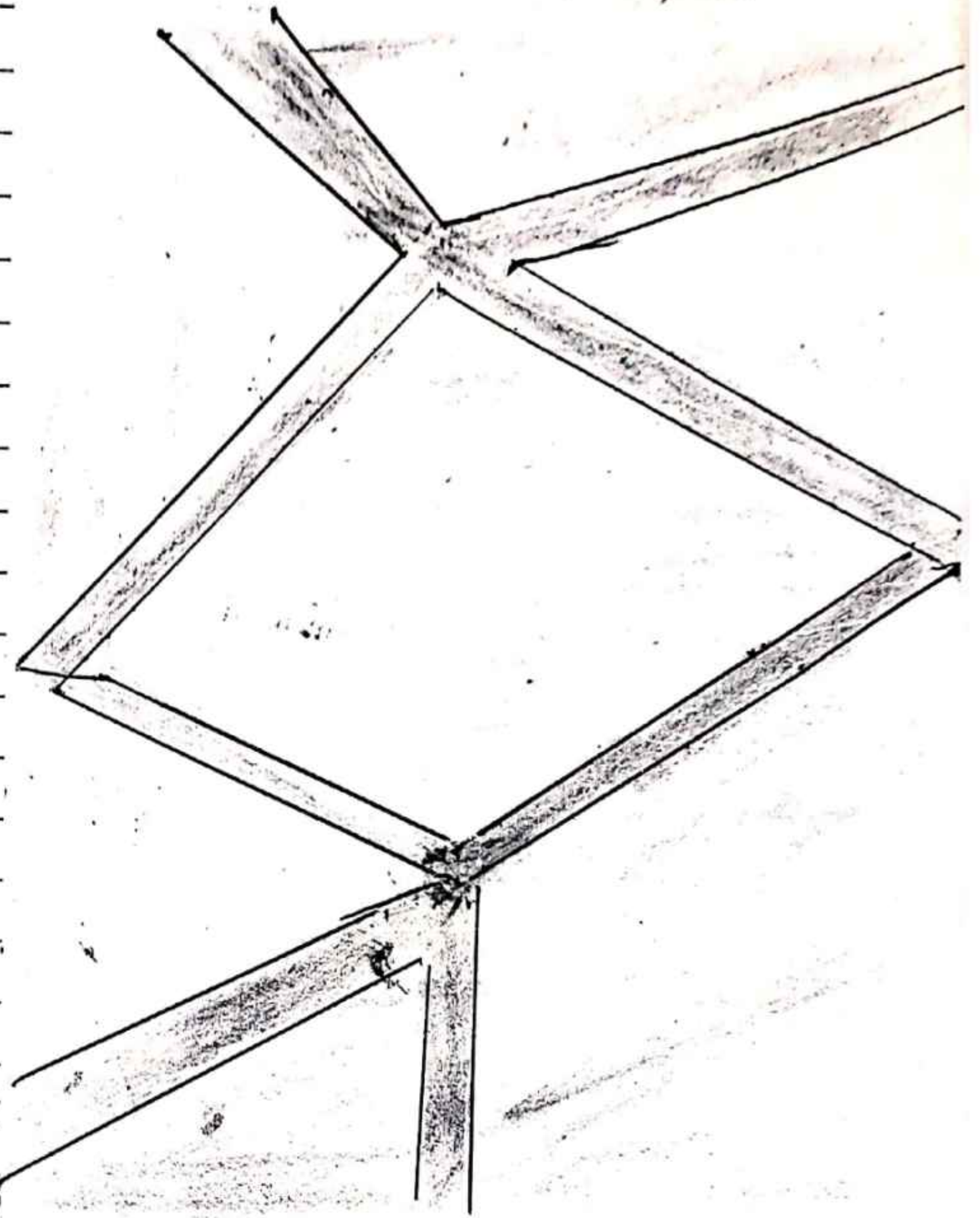
4. Natural Resource : Naturally occurring material such as water, wood, coal, oil and mineral deposits that can be used by human beings and animals.

5. Soil Conservation : The protection of soil against erosion is called soil conservation.

Terrace farming



Bunds



Teacher's Sign	Co-ordinator's Sign	Supervisor's Sign
<i>[Signature]</i> 23/09	<i>[Signature]</i>	<i>[Signature]</i> 23/09