

## Land soil and water Resources

① soil-soil is the unconsolidated fine particles of rock covering the surface of Earth. It consists weathered particles.

\* The Removal of top soil is known as soil erosion. If unchecked it can lead to soil depletion.

\* Ways of conservation of soil erosion :-

- Mulching
- Contour bunding
- Plugging
- Terrace farming
- Intercropping or crop rotation
- Shelterbelts
- Increased use of organic matter

### 1) Mulching

\* Process of conservation by retaining the moisture in the soil is called mulching

### contour Bunding

\* The Process of Building barriers with stone Bricks at same altitude are called contour Bunding

⑥ Arid soil

- \* Found in dry area
- + Has low moisture and Humus
- + Cultivable in nature
- \* Found in western Rajasthan

Reddy soil

- + found in area with dense forest
- + Has high humus.
- + With proper irrigation it can be cultivated.
- \* Found in Bihar, Uttar Pradesh

⑤ Alluvial soil

- + Formed by depositional action of Rivers
- + Rivers transport higher material from eroded reaches.
- \* Found in Indo-gangetic - Plateau

Laterite soil

- + Formed due to intense leaching
- + Humus is also washed away with this soil it makes it cultivable
- \* Found in coastal of Madhya Pradesh, Kerala

- 1) The 70% of world is made of water and in those 30% there are many vast deserts forests etc and that's why human occupies just a fraction of surface on earth.
- 2) we should conserve soil because it's a vital resource responsible for the sustenance of all plants and animals and human beings.
- 3) Cotton is grown in Maharashtra because it has fertile soil and favorable climate for cotton cultivation.