

Exercises

1. Tick (✓) the correct option:

- (a) Planting new trees on a large scale is called:
☒ (i) afforestation (ii) terrace farming (iii) shelter belts (iv) bunds
- (b) The breakdown of rocks into smaller particles is known as:
☐ (i) afforestation ☒ (ii) weathering (iii) weaning (iv) deforestation
- (c) Soil erosion is caused due to:
☐ (i) wind ☐ (ii) water ☐ (iii) human activities ☒ (iv) all of these
- (d) Cover crops are grown _____ the two harvesting crops.
☒ (i) between (ii) before (iii) after (iv) along with

(2)

2. Match the following columns:

- (a) Deforestation
(b) Cover crop
(c) Embankment
(d) Non-biodegradable
(e) Terrace farming

- 1 soil conservation b
2 soil erosion a
3 hill slopes e
4 on river banks c
5 soil pollution d

3. Fill in the blanks:

- (a) Soil is formed by the breakdown of rocks.
(b) The most fertile layer of the soil is called top soil.
(c) Water and wind blow away the top layer of the soil.
(d) Deforestation increases soil erosion.
(e) Ploughing on hill sides causes soil erosion.
(f) Beans and Pears are cover crops.
(g) Embankment are built along river banks to prevent soil erosion.

4. State true (T) or false (F):

- (a) Soil is home to some small animals.
(b) Soil erosion due to flowing water is more on the plains than on hill slopes.
(c) Grazing animals do not affect the soil.
(d) Water and air cause both soil formation and soil erosion.
(e) Soil erosion can be prevented by afforestation.
(f) Fertility of the soil and the production of crops are not related.

T
F
F
T
T
F

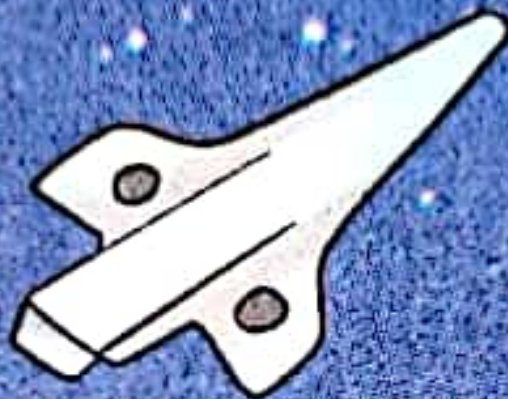
Exosphere

800 km



Thermosphere

85 km



Mesosphere

50 km

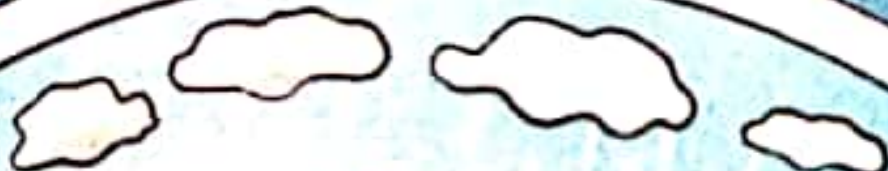


Stratosphere

17 km



Troposphere



Layers of atmosphere

Lesson - Soil Conservation

Assignment No - 12

Define the following terms :-

1. Weathering :- The breaking down of rocks into smaller and smaller particles.
2. Soil :- The tiny particles of rocks changed into loose material.
3. Soil Erosion :- The process of removal of topsoil by natural agents.
4. Deforestation :- Cutting of trees on a large scale.
5. Soil Conservation :- Protection of soil from erosion.
6. Afforestation :- Planting new trees and plants.
7. Cover Crop :- Crops that protect the soil until next crop is planted.
8. Terrace Farming :- Farming is done by cutting steps on the slopes of hills.
9. Embankments :- Big strong structure along the banks of the river.