

Name: _____ Date: _____

Land, Soil, Water, Natural Vegetation and Wildlife Resources

Q1. How does rainfall affect vegetation?

Ans. _____

Q2. Why is wildlife important to us?

Ans. _____

Q3. What are the factors affecting soil formation?

Ans. _____

Land, Soil, Water, Natural Vegetation and Wildlife Resources

Q1. How does rainfall affect vegetation?

Ans. In areas of heavy rainfall, huge trees may thrive. The forests are thus associated with areas having abundant water supply. As the amount of moisture decreases the size of trees and their density reduces. In the regions of moderate rainfall short stunted trees and grasses grow forming the grasslands of the world. In dry areas of low rainfall, thorny shrubs and scrubs grow. In such areas plants have deep roots and leaves have thorny and waxy surface to reduce loss of moisture by transpiration.

Q2. Why is wildlife important to us?

Ans. Wildlife is important to us because

- i. They provide us milk, meat, hides and wool.
- ii. Insects like bees provide us honey, help in pollination of flowers and have an important role to play as decomposers in the ecosystem.
- iii. The birds feed on insects and act as decomposers as well.
- iv. Vulture due to its ability to feed on dead livestock is a scavenger and considered a vital cleanser of the environment.

Q3. What are the factors affecting soil formation?

Ans. Factors affecting soil formation are:

Parent Rock - Determines colour, texture, chemical properties mineral, content, permeability of soil.

Climate - Temperature and rainfall influence rate of weathering and humus.

Relief - Altitude and slope, determine accumulation of soil.

Flora, Fauna and Micro-organism - Affect the rate of humus formation.

Time - Determines thickness of soil profile.