



KALPAVRUKSHA MODEL SCHOOL

Online class Assignments-4

Class: VIII

Sub: Biology

Date: 10.08.2021

Topic: Crop production and management

I. Answer the following questions:

1. Describe the two methods of irrigation.

Ans: **a) Traditional methods:** Canal irrigation, furrow irrigation, chain pump, moat (pulley system), dhekli, and rahat (water wheel) are some of the traditional methods of irrigation. These methods are cheaper, but often lead to wastage of water.

b) Modern methods: Sprinkler irrigation and drip irrigation are examples of modern methods of irrigation. These methods help in saving water.

2. Name any three agricultural implements and write what each is used for.

Ans: **a) Plough:** It is used for loosening the soil and turning it.

b) Hoe: It is used for loosening soil and removing weeds.

c) Seed drill: It is used for sowing the seeds.

3. Name any three sources from which water for irrigation is obtained.

Ans: Water for irrigation can be obtained from river, pond and well.

4. Discuss the modern irrigation methods.

Ans: **Modern methods:** Sprinkler irrigation and drip irrigation are examples of modern methods of irrigation.

Sprinkler irrigation: It is helpful to serve water for the crops at uneven lands evenly.

Drip irrigation: It is useful in the place where there is scarcity (shortage) of water. It directly provides water to the root of the plant hence water is not wasted and does not require much water. This method helps in saving water.

5. Which methods of irrigation would you recommend for a region that frequently experiences shortage of water? Why?

Ans: **Drip irrigation** is useful in the for a region that frequently experiences shortage of water. It directly provides water to the root of the plant hence water is not wasted and does not require much water. This method helps in saving water.