

Chapter 1. Crop production and Management

DATE: / /

Ques 1 Give two example of each.

- Khariif crop
- Rabi crop.

Ans:- a) Paddy and maize
b) Wheat and Pea

Que 2 write a paragraph in your own words on each of the following.

- Preparation of soil
- Sowing
- Weeding
- Threshing.

a) Preparation of the soil is the first step in agriculture. Preparation of the soil is done to loosen the soil, which is essential for the root penetration into the soil. This allows the roots to breathe easily. Loosening of the soil allow the growth of micro-organism and also brings nutrients to the soil

b) Sowing is an important process in crop production.

→ Healthy seeds are selected before sowing.

→ Healthy seeds sowing is done by either traditional methods or by using equipment's

c) Removal of unnecessary plants from the field is called weeding.

This will reduce the yield of desired crops. Some weeds are poisonous to animals, so

They can remove by ^{using} weedicides.

d) Process of separating the chaff from the ~~top~~ of crop is known as threshing. Threshing is done by winnowing where blow of wind is used to separate the chaff from crop.

Que 3 Explain how fertilisers are different from manure.

Fertilizers

1. Fertilizers is an inorganic substance
2. It prepare in factories.
3. Does not provide humus to the soil.
4. Rich in plant nutrients.
5. Long term usage has adverse effects on the soil.

Manure

1. Manure is an organic substance.
2. It prepare in field.
3. Provide humus to the soil.
4. Relatively less plant nutrients.
5. Long term usage improves soil fertility.

Que 4 what is irrigation? Describe two methods of irrigation which conserve water.

Ans The supply of water to crops at regular intervals is called irrigation.

Methods of irrigation which conserve water are -

a) **Drip irrigation**; Here the water goes drop by drop directly into the roots this method is very useful as it conserve the water and also helps in avoiding weeds.

b) **Sprinkler system**; This method is in use in mainly uneven land where sufficient water is not available. The perpendicular pipes, having rotating nozzles on top, are joined to the main pipeline at regular intervals.

Que 5 If wheat is sown in the kharif season, what would happen? Discuss.

wheat crops may get destroyed if sown in kharif season because of unfavourable temperature, pests and adaptable conditions for the plants to grow. kharif come during the rainy season, hence it is not a wise idea to grow wheat in kharif season.

Que 6 Explain how soil gets affected by the continuous plantation of crops in a field. Plant require nutrients for their growth. Without optimum nutrients plants will die. Continuous plantation of crops results in depletion of certain nutrients like Nitrogen, Phosphorus, Potassium etc. This results in the decrease of yield due to

(4)

PAGE NO.:

DATE: / /

loss of nutrients hence there should be a gap between crops in order to get a good yield.

Q. what are weeds? How can we control them?

Ans In a field many other & undesirable plants may grow naturally along with the crop. These undesirable plants are called weeds. Weeds can be controlled by methods called weeding. Weeds are also controlled by using chemicals called weedicides.