



KALPAVRUKSHA MODEL SCHOOL

Answers Assignments- 6

Class: VIII

Sub: Biology

Date: 17.08.2021

Topic: Crop production and management

I. Answer the following questions:

1. What is harvesting?

Ans: The process of cutting and gathering the matured crops is called harvesting.

2. What precautions should be taken while storing harvested grains?

Ans: i) The grains should be stored in **new or clean bags** to avoid infections.

ii) The crops must be clean, insect free, cool and dry.

iii) The mouth of the bags should be stitched properly after filling with grains.

3. Why should the harvested grains be protected from moisture?

Ans: If freshly harvested grains are stored without drying they may spoil or get attacked by microorganisms, losing their germination capacity. Hence, before storing them the grains are **properly dried in the sun** to reduce moisture in them. This prevents the attack by insects, pests, bacteria, and fungi.

4. Why is it important for grainaries to be clean and dry?

Ans: It is important for granaries to be clean and dry because if there is moisture, fungi and bacteria will grow and spoil the food.

5. Describe how nitrogen gets fixed in nature.

Ans: Nitrogen fixation is the process by which free atmospheric nitrogen is converted into nitrogen compounds. Leguminous plants like pea and soya bean have the nitrogen-fixing bacteria *Rhizobium* in their root nodules. The nitrogen fixed by these bacteria is taken up by the plants and stored in their tissues as plant proteins. This stored nitrogen passes from these plants to herbivores and then to carnivores. When these plants and animals die, the nitrogen compounds present in their bodies are decomposed and returned to the soil.