

CHAPTER -2 : Microorganisms

Long Answer

Qu.1 : Observe the Fig.2.1 and answer the questions that follows.



Fig. 2.1

- Write the name of the disease.
- Name the causative agent of this disease?
- How does the disease spread from one plant to another?
- Name any two plant diseases and the microbes that cause them.

2.Observe the set up given in Fig. 2.2 and answer the following questions.

- (a) What happens to the sugar solution in A?
- (b) Which gas is released in A?
- (c) What changes will you observe in B when the released gas passes through it?

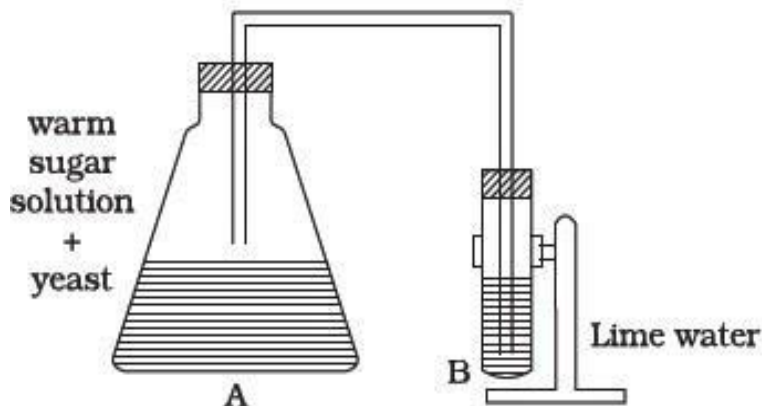


Fig. 2.2

1. Observe the Fig.2.3 and answer the following question

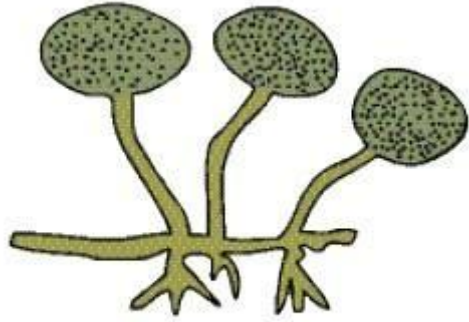


Fig. 2.3

- (a) Name the microorganism and the group to which it belongs.
- (b) Name the food item on which the organism grows.
- (c) Does it grow well in dry or in moist conditions?
- (d) Is it safe to eat infected bread?

2. Give reasons for the following.

- (a) Fresh milk is boiled before consumption while processed milk stored in packets can be consumed without boiling.
- (b) Raw vegetables and fruits are kept in refrigerators whereas jams and pickles can be kept outside.
- (c) Farmers prefer to grow beans and peas in nitrogen deficient soils.
- (d) Mosquitoes can be controlled by preventing stagnation of water though they do not live in water. Why?

3. How can we prevent the following diseases?

- (a) Cholera (b) Typhoid (c) Hepatitis A