

Home assignment

Class :- 8

Subject:- Science

1. Answer the following questions :-

Q1. What are microorganisms? What are the main groups of microorganisms?

Ans. The organisms which are too small to be seen to our naked eye are called microorganisms. The main groups of microorganisms are bacteria, fungi, algae, protozoa, and virus.

Q2. What are antibiotics ? What precaution should we take while taking antibiotics?

Ans. The medicines that kill or stop the growth of disease carrying microorganisms are called antibiotics. We should take following precautions while taking antibiotics :-

1. Take antibiotics only on the advice of qualified doctors. 2. We should complete the course prescribed by the doctor.
3. We should not take antibiotics unnecessarily.

Q3. Write uses of microorganisms.

Ans. 1. Microorganisms are used in the preparation of bread, cake and curd.

2. They are used in the preparation of alcohol and vinegar.

3. They are used in the preparation of medicines and vaccines.

4. They are helping in enriching the soil with nutrients.

5. They are helping in cleaning the environment by decomposing dead bodies.

Q4 How we can see the microorganism?

Ans. We can see the microorganisms using a microscope.

Q5. What is pasteurization?

Ans. The process of killing germs in milk by first boiling it and then cooling it immediately.

2. Definitions :-

a. Nitrogen fixation :- It is a process by which some microorganisms such as rhizobium bacteria fixes the atmospheric nitrogen in the root nodules of leguminous plants.

b. Communicable diseases :- Diseases which transmits from one sick person to another healthy person.