



CHAPTER -2 "Microorganisms: Friend and Foe"

5. What are the major groups of microorganisms?

Soln:

Major group of microorganisms are as follows

Bacteria

Fungi

Protozoans

Algae

Viruses

6. Name the microorganisms which can fix atmospheric nitrogen in the soil.

Soln:

Rhizobium

8. Write a short paragraph on the harmful effects of microorganisms.

Soln:

Microorganisms causes diseases in plants and animals Ex; Cholera in humans is caused by bacteria called *Vibrio cholera*. In animals virus causes foot and mouth diseases. Microorganisms spoil the foods by decomposing the food material. Some microorganisms spoil leather and clothes. Microorganisms are responsible for food poisoning.

9. What are antibiotics? What precautions must be taken while taking antibiotics?

Soln:

Chemical agents that kill or stop the growth of disease causing microorganisms are called antibiotics. Antibiotics should be taken only on the advice of a qualified doctor. Also one must complete the course prescribed by the doctor.