

Harmful Microorganism

A. Choose the Correct Answer:

1. Which of the following diseases is caused by a virus?

- a) Tuberculosis
- b) Cholera
- c) Dengue
- d) Typhoid

2. Which microorganism is responsible for causing malaria?

- a) Bacteria
- b) Virus
- c) Fungi
- d) Protozoa

3. Food poisoning is mostly caused by:

- a) Lactobacillus
- b) Yeast
- c) Salmonella
- d) Rhizobium

B. Fill in the Blanks:

1. Microorganisms that cause diseases are called _____.
2. Malaria is caused by a protozoan called _____.
3. _____ is a bacterial disease that spreads through contaminated water.

C. Case Study:

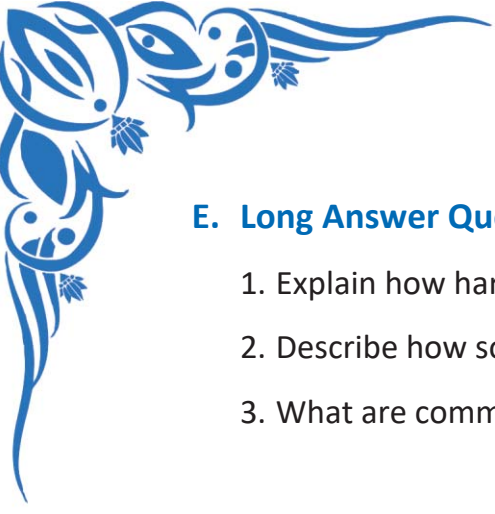
A community in a village started facing health problems like fever, vomiting, and diarrhea after heavy rainfall. A health officer found that the water supply was contaminated. Lab tests confirmed the presence of harmful bacteria like Salmonella and Vibrio cholerae. Immediate steps were taken to clean the water supply and raise awareness.

Case Study Questions:

1. What caused the health problems in the village?
2. Name two harmful bacteria mentioned in the case.
3. What steps helped control the disease outbreak?
4. What can be done to prevent such infections in the future?

D. Short Answer Questions:

1. What are pathogens? Give two examples.
2. How do harmful microorganisms spread from one person to another?
3. Name two diseases caused by bacteria and two caused by viruses.



E. Long Answer Questions:

1. Explain how harmful microorganisms affect human health, food, and crops.
2. Describe how some diseases spread and mention preventive measures.
3. What are communicable diseases? Explain how they can be controlled.