

**Very short answer questions:**

1. Name the process in which yeast converts natural sugar into alcohol.
2. Which nutrient is enriched in the soil by the blue-green algae?
3. Why should we avoid standing near a person suffering from tuberculosis when he or she is coughing?
4. Name the first antibiotic discovered?
5. Name the microorganisms responsible for fixing atmospheric nitrogen in the soil.
6. Why are antibiotics not effective against cold and flu?
7. Which microorganism helps in setting of curd?
8. Which chemical is used as a preservative in jams and squashes?
9. Who discovered the process of pasteurization?
10. Boojho was invited by his friend to a party and he ate a variety of food stuff. On reaching home, he started to vomit and had to be taken to a hospital. Name the disease he might be suffering from.

**Short answer questions:**

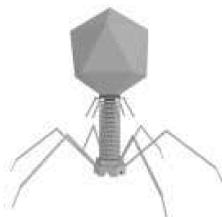
1. What are the major groups of microorganisms?
2. Give reasons: Microbes will never grow on food kept inside a refrigerator.
3. What are antibiotics?
4. Why do we consider viruses to be harmful?
5. Why should we wash our hands before handling food and after going to toilet?

**Long answer questions:**

1. What precautions must be taken while taking antibiotics?
2. Explain nitrogen cycle with the help of a neat and clean diagram.
3. Describe the role of Rhizobium in maintaining soil fertility.
4. Write the various ways to preserve food items.
5. Explain how a vaccine works.

**Diagram based questions:**

1.
  - a) Identify the microorganism shown in the picture given.
  - b) Name a disease caused by the given microorganism in human.



2.
  - a) Identify the picture.
  - b) Write its significance in the environment.

