

**UNIT – 22 – WORLD OF MICROBES****I. Answer in brief (2/3 marks)**

1. What is microbiology?
2. Define virus.
3. What is mycelium?
4. Mention the reproductive methods in fungi.
5. Differentiate infectious and non – infectious diseases.
6. What are the harmful effects of microbes?
7. What is vector?
8. Name the sexually transmitted diseases (STD).
9. What is immunization?
10. What are vaccines? Mention the types.

**II. Answer in a paragraph (5 marks)**

1. Describe the structure of a bacterial cell with a neat labelled diagram.
2. What are the living and non–living characters of viruses?
3. How are diseases classified based on the occurrence?
4. Give an account of airborne diseases caused by viruses.
5. Give an account of airborne diseases by bacteria.
6. Water borne diseases caused by viruses.
7. Water borne diseases caused by bacteria.
8. Describe any two vector borne diseases.
9. Write a short note on mosquito prevention and control.
10. Give an account of AIDS.