FOOD & INDUSTRIAL MICROBIOLOGY

1. Remembering:

- Recall the types of microorganisms responsible for food spoilage
- Memorize the methods and importance of food preservation
- Identify the various industrially important microorganisms used in food production

2. Understanding:

- Explain the process of fermentation technology and its significance in food production
- Understand the isolation techniques of microorganisms in food samples
- Comprehend the applications of microorganisms in food and industrial microbiology

3. Applying:

- Apply knowledge of microorganisms to predict and prevent food spoilage
- Utilize fermentation technology to produce various food products
- Implement isolation techniques to study and characterize microorganisms in food samples

4. Analyzing:

- Analyze the role of microorganisms in food preservation and spoilage
- Evaluate the efficiency of different fermentation processes in food industry
- Compare and contrast the applications of different industrially important microorganisms

5. Evaluating:

- Assess the impact of microorganisms on the quality and safety of food products
- Evaluate the effectiveness of preservation methods in extending the shelf life of food
- Judge the suitability of different microorganisms for specific industrial applications

6. Creating:

- Design and develop novel food preservation techniques using microorganisms
- Devise innovative fermentation processes for the production of new food products
- Formulate strategies for utilizing industrially important microorganisms in various industrial sectors.

