

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)

Chromepet, Chennai - 600 044.

B.Sc.NFSMD - END SEMESTER EXAMINATIONS - APRIL 2025

SEMESTER - IV

21UFMAT4004 - Food Microbiology

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. List the economic importance of yeast.
2. Describe about the factors affecting the growth of microorganisms in food.
3. Predict the causes and management of Salmonellosis.
4. Explain the concept of probiotics and prebiotics.
5. Explain industrial method of water purification.
6. Elaborate on source of contamination and spoilage of egg.
7. Predict the causes and management of shigellosis.
8. Justify the health benefit and mechanism of action of single cell protein.

Section C

Answer any **THREE** questions ($3 \times 10 = 30$ Marks)

9. Classify microorganism.
10. Explain different methods of disinfection.
11. Elaborate on source of contamination and spoilage of milk.
12. Discuss in detail on the methods to prevent Botulism.
13. Assess different types of fermentation and write on any five Indian or Asian fermented products.
