

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-2023

SEMESTER - I

20UFMCT1001 - Food Science

Total Duration : 2 Hrs 30 Mins.

Total Marks : 60

Section B

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

1. List the different food groups and its significance.
2. Appraise on the nutritive value of pulses.
3. Describe hydrogenation of fats.
4. Illustrate the post mortem changes in flesh foods.
5. Classify the types of nuts and oil seeds and its health benefits.
6. Illustrate the structure and nutrition value of egg.
7. Explain the types and methods of food adulteration in cereals and pulses.
8. Describe pasteurization.

Section C

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

9. Elaborate the following in cereal cookery
 - a. Factors affecting gluten formation (5)
 - b. Factors affecting gelatinisation (5)
10. 2. Explain in detail the following under fruits and vegetables
 - a. Classification (5)
 - b. Effect of cooking (5)
11. Appraise on the classification and selection of fishes.
12. Elaborate the stages of sugar cookery.
13. Appraise on the following under food additives
 - a. Leavening agents (5)
 - b. Shortenings and stabilisers (5)
