

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 - 2024

SEMESTER - II

20UFMCT2003 - Nutrition I

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

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

1. Explain the classification of carbohydrates.
2. List out the functions of food.
3. Distinguish undernutrition and overnutrition.
4. What is Respiratory quotient.
5. Explain the classification of lipids.
6. Enumerate the functions of amino acids.
7. Describe the benefits of essential fatty acids.
8. Explain the specific dynamic action of food.

Section C

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

9. Discuss the interrelationship between nutrition and health.
10. Discuss dietary lipids and their relation to cardiovascular diseases.
11. Discuss the following topics on Basal metabolic rate (BMR)
 - a) Determination using Benedict Roth basal Metabolism Apparatus (5)
 - b) Factors affecting BMR (5)
12. Elaborate the following headings under fiber
 - a) Sources and types (5)
 - b) Physiological effects (5)
13. Explain the following in detail on protein energy malnutrition
 - a) Clinical features (5)
 - b) Treatment and prevention (5)
