

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. END SEMESTER EXAMINATIONS APRIL-2022

SEMESTER - II

20UFMCT2003 - NUTRITION I

Total Duration : 3 Hrs.

Total Marks : 60

Section A

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

1. Explain food as a source of nutrients and comment on its function.
2. Classify carbohydrates providing examples.
3. Interpret the role of dietary fat in the development and prevention of atherosclerosis.
4. Describe the functions of proteins.
5. Illustrate the steps involved in calculating total energy requirement by factorial method.
6. Predict the role of prebiotics in health and disease prevention.
7. Discuss the functions and deficiency symptoms of EFA.
8. Explain any 2 methods of evaluating protein quality.

Section B

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

9. Analyse the inter relationship between nutrition and health.
10. How to you determine basal metabolism using Benedict Roth basal Metabolism Apparatus?
11. Examine the role of fiber in human nutrition.
12. Appraise the process of digestion and absorption of lipids.
13. Recommend strategies to prevent and treat PEM and elaborate on the aetiology and clinical features of PEM.
