

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.

M.Sc. FSND - END SEMESTER EXAMINATIONS - NOV'2024

SEMESTER - I

20PNDCT1003 - Macro Nutrients

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

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

1. Describe the factors which regulate food intake.
2. Explain Glycemic index and its therapeutic benefits.
3. Illustrate any one method to evaluate protein quality.
4. Write notes on Hypocholesterolemic foods.
5. Discuss the factors influencing the distribution of body fluids.
6. Classify lipoproteins and enumerate their functions.
7. Explain the complementary value of proteins with example.
8. Analyse the factors affecting the thermic effect of food.

Section C

I - Answer any **TWO** questions ($2 \times 10 = 20$ Marks)

9. Discuss the role of complex carbohydrates in health.
10. Explain the functions of essential amino acids and the effects of its imbalance.
11. Describe the importance of essential fatty acids in health.
12. Discuss the role of hormones in maintaining water and electrolyte balance.

II - Compulsory question ($1 \times 10 = 10$ Marks)

13. Elaborate on the components of energy expenditure to determine the TEE.
