

Roll.No.

20UNDCT3005

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.CND - END SEMESTER EXAMINATIONS - NOVEMBER 2025

SEMESTER - III

**20UNDCT3005 - Human Nutrition - I**

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

### Section B

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

1. Indicate the development of nutrition as a Science.
2. Relate on the oxygen used and calorific value.
3. Prepare the role of fibre in human nutrition.
4. Interpret the function of protein.
5. Describe on the characteristics of animal and vegetable fats.
6. Predict on the cause, characteristics and prevention of PEM.
7. Illustrate on the relation between RQ and energy output.
8. Infer on the function and deficiency, food sources of EFA.

### Section C

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

9. Inter relationship between nutrition and health.
10. Detail on the energy requirements and factorial methods for calculation for varying degrees of physical activities for an adult.
11. Regulation of blood sugar Hormonal controls
12. Examine the evaluation of protein quality and supplementation of proteins.
13. Criticize on dietary lipids and their relation to heart disease.

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