

**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 NOVEMBER-2022**

**SEMESTER - III**

**20UNDCT3005 - Human Nutrition I**

**Total Duration : 2 Hrs 30 Mins.**

**Total Marks : 60**

**Section A**

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

1. List the visible symptoms of Good Health.
2. Interpret the inter relationship between Nutrition and Health.
3. Relate the oxygen used and calorific value of foods consumed.
4. Describe the role of fibre in Human Nutrition.
5. Explain the dietary lipids and their relation to Atherosclerosis.
6. List the characteristics of animal and vegetable fats.
7. Classify the types of Proteins and Amino acids.
8. Determine the protein quality through PER and BV.

**Section B**

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

9. Interpret the scenario of Triple Burden of Malnutrition in India in detail.
10. Predict the factorial methods for calculation of the daily energy requirements of an adult for varying degrees of physical activity.
11. Justify the use and role of Prebiotics and its uses in Human Nutrition.
12. Relate the foods, functions of essential fatty acids and its deficiency.
13. Recommend the treatment and prevention strategies for PEM among Children.

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