

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 2025

SEMESTER - III

**21UFMCT3005 - Medical Nutrition Therapy - I**

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

**Section B**

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

1. Compare enteral and parenteral nutrition, highlighting their advantages, disadvantages, and indications for use.
2. Explain the etiology, clinical features, and nutritional management of typhoid fever.
3. Describe the types of burns and their classification, along with the principles of dietary management for burn patients.
4. Evaluate the role of functional foods and nutraceuticals in the dietary management of chronic diseases.
5. Discuss the importance of preoperative and postoperative diets, detailing their objectives and modifications.
6. Discuss the role of diet in managing metabolic disorders such as Tyrosinemia, Homocystinuria, Galactosemia, and Gout.
7. Analyze the relationship between AIDS and malnutrition, highlighting the importance of nutritional support in disease management.
8. Describe the effects of cancer therapy on nutritional status and the dietary strategies to combat malnutrition in cancer patients.

**Section C**

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

9. Identify two key differences between a soft diet and a full fluid diet.
10. State two key dietary recommendations for tuberculosis patients.
11. Define sepsis and its impact on the body's metabolism.
12. Differentiate between Type-1 and Type-2 diabetes mellitus.
13. Differentiate between Phenylketonuria (PKU) and Maple Syrup Urine Disease (MSUD).

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