

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 - APRIL 2025

SEMESTER - VI

**20UNDCT6011 - Clinical Nutrition**

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

### **Section B**

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

1. Explain the etiology, symptoms of cirrhosis and its impact on overall nutritional status.
2. Apply the principles of nutrition therapy to plan a dietary intervention for a PCOS patient with Insulin resistance.
3. Examine the role of antioxidants and anti-inflammatory nutrients in cancer management and prevention.
4. Apply dietary modifications to reduce inflammation in a rheumatoid arthritis patient.
5. Explain the grades of obesity and their clinical significance in weight management.
6. Compare the nutritional needs of individuals with hypothyroidism and hyperthyroidism.
7. Plan a nutrient dense diet for a patient undergoing chemotherapy to meet the nutritional challenges.
8. Infer on the etiology, pathophysiology and nutritional challenges in AIDS.

### **Section C**

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

9. Illustrate how nutritional interventions can help manage complications in patients with hepatitis.
10. Plan a low calorie diet for an individual with morbid obesity and explain the rationale for your food choices.
11. Infer on the role of selenium and zinc in the dietary management of thyroid disorders.
12. Analyze the impact of cancer treatments on the nutritional status of cancer patients.
13. Justify how weight reduction helps in the management of rheumatic diseases.

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