



**Avinashilingam Institute for Home Science and Higher Education for Women**  
Deemed to be University Estd. u/s 3 of UGC Act 1956, Category 'A' by MHRD (now MoE)  
Re-accredited with an 'A++' Grade by NAAC CGPA 3.65/4, Category I by UGC  
Coimbatore - 641 043, Tamil Nadu, India

Continuous Internal Assessment II- October 2025  
VI Semester

Class: III B.Sc.

Branch : Food Science and Nutrition

Time:2 Hours

Max. Marks: 60

**23BFNC09 Nutrition in Diseases**

**Course Outcomes:**

1. Understand the principles of diet therapy and role of dietitians and gain knowledge on the etiological factors, complications and dietary modifications in Fever, obesity and underweight
2. Enumerate on the etiology, complications and dietary modifications of various cardiovascular diseases and causes, types, biochemical changes, glycemic index, complications and dietary management of diabetes mellitus.
3. Understand the functions, clinical symptoms and damages caused in various liver diseases and gastrointestinal diseases.
4. Enumerate on functions of kidney and the damages, clinical symptoms and dietary modifications of various kidney diseases
5. Gain knowledge on causes, nutritional care, treatment of cancer and HIV.

**Part A**

**6 x 1 = 6**

**Choose the Correct Answer**

1. Inflammation of the stomach lining that spreads to intestine is CO3K2  
a. Gastritis      b. gastroenteritis      c. GERD      d. colitis
2. Anorectal obstruction is seen in CO3 K2  
a. Constipation      b. diarrhoea      c. constipation      d. gastritis
3. Excess protein in urine due to damaged glomeruli is CO4 K3  
a. Nephritis      b. renal failure      c. kidney stones      d. nephrosis
4. The most common type of kidney stones is CO4 K2  
a. Calcium oxalate      b. calcium phosphate      c. uric acid      d. cystine
5. Carcinoma are those which originate from CO5 K1  
a. Epithelial cell      b. connective tissue      c. blood cell      d. immune cell
6. Adequate protein is recommended in CO5 K2  
a. Kidney disease      b. diarrhoea      c. AIDS      d, nephriits

**Part B**

**3 x 6 = 18**

**Answer ALL questions**

**Each answer should not exceed 400 words or two pages**

- 7.a Compare the symptoms and dietary modification for diarrhea and dysentery. CO3 K2  
(or)
- 7.b. What is gastritis? Explain the dietary guidelines. CO3 K3
- 8.a Identify the diseases of renal system. CO4 K2  
(or)
- 8.b What is acute renal failure? Explain. CO4 K2
- 9.a. Explain the etiological causes of cancer. CO5 K2  
(or)
- 9.b Is there any relationship between AIDS and nutrition? Explain. CO5 K3

**Part C**

**3 x 12 = 36**

**Answer ALL questions**

**Each answer should not exceed 800 words or four pages**

- 10.a. Explain peptic ulcer: etiology, clinical symptoms and dietary modifications CO3 K3  
(or)
- 10.b. Describe the types of constipation along with nutritional requirements. CO3 K3
- 11.a. What is the purpose of dialysis? Explain the nutritional requirements. CO4 K2  
(or)
- 11.b. Detail on the types of kidney stones. Add a note on dietary guidelines. CO4 K2
- 12.a. Explain HIV – causes, stages and nutritional management. CO5 K1  
(or)
- 12.b. Summarise the role of nutrition in cancer treatment. CO5 K1