

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2023  
(Third Semester)

Branch – FOODS AND NUTRITION

NUTRITION THERAPY

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

1. Maple syrup urine disease is named so because the urine of affected individuals smells like maple syrup due to the presence of:  
(i) Phenylalanine (ii) Isoleucine  
(iii) Leucine (iv) Valine
2. What is the primary nutritional concern for burn patients immediately after injury?  
(i) High protein intake (ii) Low carbohydrate intake  
(iii) Adequate fluid replacement (iv) Vitamin supplementation
3. What type of diet is usually recommended for patients with liver cirrhosis?  
(i) High-protein, low-carbohydrate diet  
(ii) Low-protein, high-carbohydrate diet  
(iii) Low-sodium, balanced protein diet  
(iv) High-fat, low-carbohydrate diet
4. Which nutrient is crucial for individuals with thyroid disorders?  
(i) Vitamin C (ii) Iron  
(iii) Iodine (iv) Vitamin D
5. What role does vitamin K play in the circulatory system?  
(i) Helps in blood clotting (ii) Boosts immunity  
(iii) Regulates cholesterol levels (iv) Supports bone health

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

6. a What is nasojejunal feeding?  
(or)  
b Expand IAPEN, EFSA, EHOFH.
7. a What is elimination diet?  
(or)  
b Give the types of cancer.
8. a List down the factors that affect GI mucosa.  
(or)  
b Give the signs and symptoms of cholelithiasis.
9. a Thermogenesis- explain.  
(or)  
b What is gestational diabetes?

Cont...

10. a Classify hypertension.  
(or)  
b Define dialysis.

**SECTION -C (30 Marks)**

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 6 = 30)

11. a Elaborate the nutrition support technique – enteral feeding.  
(or)  
b Enumerate the management of glycogen storage diseases.
12. a Discuss the dietary guidelines for fever condition.  
(or)  
b Suggest the dietary recommendations for post operative conditions.
13. a Discuss the dietary management of diarrhea.  
(or)  
b Explain the medical nutrition therapy for hepatitis.
14. a Enumerate the methods to manage diabetes mellitus.  
(or)  
b Highlight the behavioural modifications needed to manage obesity.
15. a Emphasis the role nutrition in cardiac health.  
(or)  
b Outline the nutritional management of nephrotic syndrome.

Z-Z-Z

END