

PSG COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2025
(First Semester)

Branch – CLINICAL NUTRITION & DIETETICS

MEDICAL DIETETICS - I

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry **EQUAL** marks.

$$(10 \times 1 = 10)$$

Cont...

SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

 $(5 \times 7 = 35)$

| Question No. | Question | K Level | CO |
|--------------|---|---------|-----|
| 11.a. | Explain the importance of ethics and professionalism in dietetic practice. (OR) | K4 | CO2 |
| 11.b. | Explain the steps involved in the Nutrition Care Process (NCP). | | |
| 12.a. | Compare the clinical features of hypo- and hyperthyroidism. (OR) | K4 | CO4 |
| 12.b. | Differentiate the nutritional management between Addison's disease and Cushing's syndrome. | | |
| 13.a. | Explain the role of the DASH diet in managing hypertension. (OR) | K5 | CO4 |
| 13.b. | Appraise the efficiency of spices and herbal formulations in cardiovascular disease management. | | |
| 14.a. | Compare Wilson's disease and hemochromatosis in terms of etiology and dietary care. (OR) | K3 | CO5 |
| 14.b. | Evaluate the role of nutritional care in acute and chronic pancreatitis. | | |
| 15.a. | Explain the role of omega-3 fatty acids in managing rheumatoid arthritis. (OR) | K6 | CO3 |
| 15.b. | Summarize the differences between Type I and Type IV hypersensitivity reactions with examples. | | |

SECTION - C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks

 $(3 \times 10 = 30)$

| Question No. | Question | K Level | CO |
|--------------|---|---------|-----|
| 16 | Critically analyse the principles, solutions, administration, and complications of parenteral nutrition, with emphasis on refeeding syndrome. | K4 | CO1 |
| 17 | Depict the etiology, symptoms, diagnostic tests, medical management, and dietary management of Diabetes Mellitus. | K6 | CO2 |
| 18 | Critically evaluate the nutritional care of congestive cardiac failure, focusing on sodium restriction, fluid balance, and prevention of cardiac cachexia. | K5 | CO3 |
| 19 | Explain the etiology, pathogenesis, complications, and nutritional management of cirrhosis with emphasis on protein and sodium modifications. | K4 | CO4 |
| 20 | Predict the nutritional care in AIDS across different stages of disease progression, with emphasis on energy, protein, micronutrients, and complementary therapies. | K5 | CO5 |