

2025

**M.Sc. 3rd Semester Examination
CLINICAL NUTRITION & DIETETICS**

PAPER : CND-302

**(Dietary Management of
Non-communicable Diseases)**

Full Marks : 50

Time : Two Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

Group - A

Answer any *four* questions : 2×4=8

1. What is hypo-osmotic ORS for children?
2. Mention two complications of constipation.
3. What is mast cell?
4. Why arteries are very much prone to atherosclerosis than vein?
5. What is glycaemic load?
6. Write two main causes of nutritional anaemia.

P.T.O.

(2)

Group - B

Answer any *four* questions : $4 \times 4 = 16$

7. Write about four food allergens briefly.
8. "Unsaturated fatty acids are anti-diabetic" — justify the statement.
9. "Anti-oxidatives are anti-atherosclerotic agents" — explain critically.
10. Define malignancy and sarcoma.
11. "Aged persons are more suffering from constipation" — justify it.
12. Discuss the role of Vitamin B-12 and folate in anaemia management.

Group - C

Answer any *two* questions : $8 \times 2 = 16$

13. State the principle and explain the therapeutic diet of diabetic patient from the view point of nature of carbohydrate consumption.
14. Why alcoholism is associated with carcinogenesis? What is the clinical implication of anti-angiogenics? Briefly discuss the role of protein and energy management in cancer. $2+2+4$
15. Describe the steps of atherosclerosis with special reference to PAF and ECPF. State the immunological basis of food allergy in brief. $5+3$

(3)

16. Define roughage. Describe the dietary strategies used in the prevention and management of constipation with special reference to the role of dietary fibers and hydrating agents. 2+6

Internal Assessment : 10 marks
