

M.Sc. 3rd Semester Examination, 2024

CLINICAL NUTRITION & DIETETICS

PAPER – CND-302

Full Marks : 50

Time : 2 hours

Answer all questions

The figures in the right hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

GROUP – A

Answer any four questions from the following :

2 × 4

- 1. What is m-diabetes ?**
- 2. Write the causative factor of persistent diarrhoea.**

(Turn Over)

(2)

3. Why is vegetable enriched diet known as anti-atherosclerotic diet ?
4. Write the principle of insulin injection to diabetic patient in relation with the time of major meal intake.
5. Why are preserved and processed foods not provided to the hypertensive patients ?
6. Write the main cause of muscle flaccidity noted in diarrhoea.

GROUP – B

Answer any **four** questions from the following :

4 × 4

7. Describe the strategy adopted for diet formulation of atherosclerotic patient.
8. Discuss the principle of protein inclusion in diet of diabetic patient.

9. Describe the process of cholesterol limitation in the diet in case of diabetic patients.
10. What are the differences between microcytic hypochromic anaemia and megaloblastic anaemia? Which micro-nutrients are responsible for these diseases. 2 + 2
11. Discuss about nutrition-related factors that may decrease the risk of cancer.
12. Write a short note on metastasis.

GROUP – C

Answer any two questions from the following : 8 × 2

13. Discuss the criteria of carbohydrate inclusion in the diet of diabetic patients. What strategy will you follow to maintain the oxidative stress in diabetes ? 5 + 3

14. State the strategies adopted for controlling sodium intake through traditional meal in a hypertensive patient. Why polyphagia is noted in diabetic patient ? 6 + 2
15. Discuss the causes and dietary intervention of nutritional anaemia. 4 + 4
16. What is meant by leukemia ? What are different types of leukemia ? What is the role of homeostasis in tumorigenesis ? 2 + 3 + 3

[Internal Assessment – 10 Marks]
