

B.Sc. DEGREE EXAMINATION, APRIL 2020
II Year III Semester
Nutrition - I

Time : 3 Hours

Max.marks :75

Section A ($10 \times 2 = 20$) Marks

Answer any **TEN** questions

1. Define Optimum Nutrition.
2. List any four visual symptoms of good health.
3. Define BMR.
4. What is Benedict Roth apparatus?
5. Define Dietary Fibre.
6. What are Ketone Bodies?
7. What is the most abundant sterol found in the human body?
8. State any two functions of essential fatty acids.
9. What is PEM?
10. What is NPU?
11. What is the role of FAO?
12. Mention any four thermogenic food in REE.

Section B ($5 \times 5 = 25$) Marks

Answer any **FIVE** questions

13. Explain the Inter relationship between Nutrition and Health.
14. Draw and Explain Bomb Calorimeter.
15. Describe the role of fibre in human nutrition.
16. Classify Lipids.
17. Explain the functions of protein.
18. Define Nutrients and explain the sources and functions of foods.
19. Give an account on supplementation of proteins.

Section C ($3 \times 10 = 30$) Marks

Answer any **THREE** questions

20. Discuss Development of Nutrition as Science in this modern society.
21. Elaborate Energy requirements for different age groups.
22. Define Carbohydrate. Classify and explain functions of carbohydrates in the body.
23. Explain dietary lipids and their relation to the causation of Atherosclerosis and Ischaemic heart disease in detail.
24. Elucidate etiology, features, treatment and prevention of Kwashiorkor and Marasmus.

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