

B.Sc DEGREE EXAMINATION, APRIL 2019
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 the term nutrition.
2. What is meant by mal nutrition?
3. What is known as respiratory quotient of food?
4. What is called as specific dynamic action of food?
5. Define the term dietary fibre.
6. What are carbohydrates?
7. Define essential fatty acids.
8. Give a short note on vegetable fat.
9. What is meant by PER?
10. Write a short note on BV.
11. What are probiotics?
12. What is NPR?

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

Answer any **FIVE** questions

13. Write a note on inter relationship between nutrition & health.
14. Determine the energy value of foods using Bomb calorimeter.
15. Outline the digestion & absorption of carbohydrates.
16. Enlist the food sources & functions of cholesterol.
17. Enumerate the functions of proteins.
18. Give an account on classification of lipids.
19. List out the factors affecting BMR.

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

Answer any **THREE** questions

20. Explain the history of nutrition.
21. Describe the determination of BMR by Benedict Roth basal metabolism apparatus.
22. Discuss the sources, components & physiological effects of dietary fibre.
23. Highlight the dietary lipids & their relation to the causation of atherosclerosis & ischemic heart disease.
24. Point out the etiology, clinical features, treatment & prevention of Kwashiorkor.

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