

B.Sc DEGREE EXAMINATION, APRIL 2019
III Year V Semester
Nutrition - II

Time : 3 Hours

Max.marks :75

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

Answer any **TEN** questions

1. State the dietary sources of Vitamin A.
2. Mention the functions of Vitamin K.
3. List the functions of Niacin.
4. Give the importance of Vitamin B12 to the body.
5. Write short notes on Calcitonin.
6. Explain the term Hyponatremia.
7. Enumerate the symptoms of deficiency of Chromium.
8. List the food sources rich in Iodine.
9. Mention the hormone involved in water balance.
10. Give the composition of body fluids.
11. Write short notes on flourosis.
12. Mention the inter-relationship between Vitamin E and Selenium.

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

Answer any **FIVE** questions

13. Discuss the role of Vitamin A on vision.
14. How in Niacin and Tryptophan inter-related?
15. Give an account on the functions and sources of calcium.
16. State the functions of
 - a) Manganese b) Molybdenum
17. Enumerate the functions of water.
18. Explain the role of folic acid in Human Nutrition.
19. List the characteristics of Rickets.

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

Answer any **THREE** questions

20. Discuss the inter-relationship between Calcium, Phosphorous and Vitamin D.
21. Elaborately explain the functions, sources and deficiency of Vitamin C.
22. Highlight the factors affecting and promoting iron absorption.
23. Explain the following:
 - a) Iodine deficiency disorder
 - b) Functions and food sources of Cobalt
24. Enumerate the role of water in human nutrition.

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