

B.Sc. DEGREE EXAMINATION, NOVEMBER 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. Classify vitamins?
2. What is the RDA for Vitamin D?
3. Mention food sources of Riboflavin.
4. What are the symptoms of deficiency of Ascorbic Acid?
5. How do minerals contribute in muscle nerve physiology?
6. What is hemosiderosis?
7. Write the functions of Manganese.
8. What leads to fluoride toxicity?
9. Write a short note on oedema.
10. Write a short note on water compartments in the body.
11. What are the functions of Phosphorus?
12. What is hyper vitaminosis?

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

Answer any **FIVE** questions

13. Explain the role played by:
 - a. Vitamin A in vision
 - b. Vitamin K in blood clotting process.
14. Explain the functions of Thiamine in detail.
15. Why is Iron called a one-way element? List the sources of Iron.
16. Discuss the Iodine deficiency disorders.
17. Write a short note on water intoxication.
18. Write a short note on influence of Chromium on glucose tolerance factor.
19. Discuss Vitamin E and Selenium relationship in the human body.

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

Answer any **THREE** questions

20. Write in detail the effects of deficiency of any two fat soluble vitamins.
21. Write in detail on the function, sources, requirements, deficiency of Niacin and folic Acid
22. Write in detail the factors favouring and reducing absorption of calcium and iron.
23. Write the absorption, excretion, storage, functions and RDA of Zinc.
24. Write a detailed note on water balance.

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