

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

Time : 3 Hours

Max.marks :75

Section A (10 × 2 = 20) Marks

Answer any **TEN** questions

1. Give the units of vitamin A.
2. List two functions of vitamin E.
3. Write the importance of pantothenic acid to the body
4. Name four food sources of niacin
5. Give the distribution of sodium and chloride in the body.
6. What is Wilson's disease?
7. Name the food sources of molybdenum.
8. Give the functions of Selenium.
9. Write about the composition of body fluids.
10. What is meant by water intoxication?
11. How is water distributed in the body?
12. List the functions of zinc.

Section B (5 × 5 = 25) Marks

Answer any **FIVE** questions

13. Explain the clinical symptoms of vitamin A.
14. Enumerate on the effects of deficiency of riboflavin.
15. Give the importance of phosphorous to the body.
16. Explain the sources and effects of deficiency of fluorine in the body.
17. Bring out the relationship between glucose and chromium.
18. What is Wernicke's syndrome? Differentiate between Wet Beriberi and Dry Beriberi.
19. What is water balance? How is it maintained by the body?

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

Answer any **THREE** questions

20. a) Enumerate on the role of vitamin K in blood clotting.
b) Explain deficiency of vitamin D in children and adults.
21. Describe the functions and deficiency symptoms of vitamin C.
22. a) Write any five functions of calcium.
b) Explain the effect of deficiency of iron in the body.
23. Discuss on food sources, functions and effect of deficiency of Iodine.
24. Explain the role of hormones in maintaining water and electrolyte balance.

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