

B.Sc. DEGREE EXAMINATION, NOVEMBER 2018
III Year V Semester
Core Major - Paper IX
NUTRITION- II

Time : 3 Hours

Max.marks :75

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

Answer any **TEN** questions

1. What is called as Sunshine vitamin?
2. List any 2 food sources of vitamin K.
3. Write any 2 functions of thiamine.
4. Write a note on pellagra.
5. What is iron requirement for pregnant woman?
6. Give a note on magnesium deficiency.
7. State the different forms of dietary iodide.
8. Which hormones regulate calcium and phosphorus metabolism?
9. Define dehydration.
10. What are called interstitial fluid?
11. What are the principal electrolytes in the body?
12. What are the factors that affect zinc absorption?

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

Answer any **FIVE** questions

13. Vitamin K and coagulation – explain.
14. Explain the function of niacin as coenzyme.
15. Write a note on copper deficiency and toxicity.
16. Give the interrelationship of selenium and vitamin E.
17. Discuss water intoxication.
18. Write a note on fluoride deficiency.
19. What is the importance of panthothenic acid and biotin?

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

Answer any **THREE** questions

20. Elaborately explain deficiency and toxicity of vitamin A.
21. Give a detailed note on importance of folic acid and vitamin B12.
22. Explain Calcium: functions, deficiency, food sources and RDA for adult.
23. Explain chromium as glucose tolerance factor.
24. Describe the role of ADH in water and electrolyte balance.

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