QP CODE: 24019452

24019452

Reg No : .....

Name : .....

B.Sc DEGREE (CBCS) REGULAR / IMPROVEMENT / REAPPEARANCE EXAMINATIONS, MAY 2024

Second Semester

B.Sc Clinical Nutrition and Dietetics Model III

Core Course - CN2CRT04 - ADVANCED NUTRITION

2017 ADMISSION ONWARDS

5C4BE2C1

Time: 3 Hours Max. Marks : 80

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Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. What are the functions of magnesium?
2. Discuss acrodermatitis enteropathica.
3. What is Wilson's disease?
4. What are Selenoproteins?
5. Discuss dental flourosis.
6. What is the role of vitamin A in growth?
7. How is vitamin D synthesised?
8. How does vitamin B3 get absorbed and metabolised?
9. Write note on intrinsic factor and R binder.
10. Which are the biotin dependent enzymes?
11. What is spina bifida?
12. How does vitamin C help in iron metabolism?

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Comment on the functions of phosphorus.
14. Write about the clinical manifestations of iron deficiency anaemia.
15. Explain the functions, deficiency and toxicity of chromium.
16. Explain the role of hormones in preventing IDD.
17. Elaborate on the deficiency of vitamin A.
18. Explain the functions of vitamin E.
19. Which are the sources of thiamin? Give its RDA for different age group.
20. How does riboflavin absorbed and available to body?
21. What are the functions of pantothenic acid?

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Elaborate on calcium imbalance. What are the factors affecting calcium absorption?
23. Brief on molybdenum.
24. Explain the functions, deficiency, sources, absorption, metabolism and transport of vitamin K.
25. How does pyridoxine get absorbed and available to body? Write on its sources and requirements.

(2×15=30)