

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai - 600 044.

M.Sc. FSND- END SEMESTER EXAMINATIONS - NOV'2024

SEMESTER -III

20PNDCT3007 -Micro Nutrients

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Summarize the nutraceutical role of any four foods.
2. Sketch the deficiency of Thiamine.
3. Apply the functions and food sources of Vitamin D.
4. Analyse any two recent research on Selenium and Vitamin E Relationship.
5. Outline the functions of Calcium.
6. Appraise the requirements and deficiency of zinc in body.
7. Infer the functions of Vitamin K.
8. Discuss on effect of drugs on nutrient absorption.

Section C

I - Answer any **TWO** questions ($2 \times 10 = 20$ Marks)

9. Classify nutraceuticals.
10. Relate the effects of deficiency, food sources and functions of Sodium.
11. Elaborate on recent evidences of Vitamin C and B12 deficiency in body.
12. Discuss in detail the distribution, functions, sources, requirements and deficiency of Iron.

II - Compulsory question ($1 \times 10 = 10$ Marks)

13. Infer the functions, food sources, requirement, deficiency and toxicity of Vitamin A. Highlight it with recent evidences.
