

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.

B.Sc.CND - END SEMESTER EXAMINATIONS - NOV'2024

SEMESTER -V

20UNDCT5009- Human Nutrition II

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

Section B

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

1. List the deficiencies caused by vitamin D.
2. Reproduce the functions of Vitamin A.
3. Define water soluble vitamins and list the functions of niacin.
4. Describe the deficiencies caused by Calcium.
5. List the functions and sources of Iron.
6. Describe the relationship between Selenium and Vitamin E.
7. Explain Chromium and glucose tolerance factor.
8. Explain electrolyte balance and fluid balance.

Section C

Answer any **THREE** questions ($3 \times 10 = 30$ Marks)

9. Discuss in detail the hypervitaminosis of vitamins A, D, E and K.
10. Explain the food sources and requirements of water soluble vitamins for different age groups.
11. Elaborate the macronutrient distribution in body.
12. Enumerate the functions of the following nutrients
 - i) Iodine
 - ii) Selenium
 - iii) Chromium
13. Appraise the following under Drug and Nutrient Interaction
 - i) Effect of drug on nutrient absorption and metabolism
 - ii) Effect of nutrient on drug absorption and utilization.
