

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

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

B.Sc. END SEMESTER EXAMINATION APRIL/NOV - 2021

SEMESTER - V

13UNDCT5009 & UND/CT/5009 - Nutrition - II

Total Duration : 3 Hrs		Total Marks : 75
MCQ	: 30 Mins	MCQ : 15
Descriptive	: 2 Hrs.30 Mins	Descriptive : 60

Section B

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

1. Describe the food sources of calcium and phosphorus.
2. Discuss the importance of folic acid.
3. Explain the functions and deficiency of vitamin B12.
4. Interpret the deficiency of vitamin K.
5. Explain the chromium and glucose tolerance factor.
6. Relate the importance of ultratrace minerals.
7. Explain the water and electrolyte mechanism.
8. Describe the functions of iron, fluoride and copper.

Section C

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

9. Explain the functions, effects of deficiency and food sources of iodine and cobalt.
10. Determine the composition of body fluids, water exchange and water imbalance.
11. Describe the functions, effects of deficiency, food sources and requirements of vitamin A and D.
12. Assess the requirements of B complex vitamins for different age groups.
13. Distinguish between the macro and micro minerals.