

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 NOVEMBER -2023

SEMESTER - V

20UNDET5001 - Functional Foods and Nutraceuticals

Total Duration : 2 Hrs 30 Mins.

Total Marks : 60

Section B

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

1. Explain about classification of Nutraceuticals.
2. Interpret the needs and importance of Phyto chemicals.
3. Enumerate the role of plants as Functional foods.
4. Classify the Prebiotics and Synbiotics.
5. Justify the Role of Omega 3 and Omega 6 Fatty acids in Human health.
6. Illustrate Egg as functional food.
7. Compute the role of Nutrigenetics in future development.
8. Describe Gene expression and Disease prevention

Section C

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

9. Identify the usage and importance of Functional foods and Nutraceuticals in everyday life.
10. Compute the nutraceuticals properties of plant foods.
11. Justify the role of probiotics and prebiotics as functional ingredient.
12. Evaluate the relationship between gene expression and nutrition supplementation in Disease prevention.
13. Describe the role of functional food from animal source.
