

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 APRIL - 2023

SEMESTER - III

20PNDET3003 - Food Product Development

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

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

1. Explain the significance of new food product development.
2. Describe the following
 - a) paired comparison test
 - b) triangle test
3. Classify the FSSAI laws governing food packaging.
4. Compute the importance, function and nutritional information for product labelling.
5. Define pricing a product and list the principles of pricing.
6. Prepare a sensory evaluation sheet using rating test.
7. Enumerate the factors that influence new product development success.
8. Determine the changes in sensory attributes due to environmental conditions.

Section C

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

9. Explain in detail
 - a) steps involved in product development
 - b) Formulation of nutritious food products and standardization.
10. Compute the necessity of the following in assessing sensory characteristics of food
 - a) laboratory set up
 - b) equipment
 - c) panel selection
 - d) judging quality
11. Justify the significance of any 4 food packages with special features.
12. Infer on the types of labelling in detail.

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

13. Ascertain on the advertising and marketing strategies for controlling the quality of a new food product.
