

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 - II

**20PNDCT2004 - Research Methods in Nutrition**

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

### Section B

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

1. Explain the need for research in food science and nutrition.
2. Describe cross sectional study design.
3. Classify the different probability sampling techniques used in research.
4. Differentiate between parametric and non parametric tests.
5. State the styles of referencing in research.
6. Explain the uses of computers in nutrition research.
7. Describe how tabulation is important in research.
8. Differentiate mean mode and median with examples.

### Section C

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

9. Appraise on the phrase “ Reliability and Validity of Tools”
10. Elaborate on the fundamental and comparative scales used in research methods.
11. Briefly explain editing and coding under data preparation process.
12. Appraise on the following
  - a. Chi square test (5)
  - b. One way ANOVA (5)

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

13. Elaborate the following under Research process
  - a. Hypothesis (5)
  - b. Objectives (5)

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