

**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. - END SEMESTER EXAMINATIONS APRIL - 2022**

**SEMESTER - IV**

**20PCHET4004 - Research Methodology**

**Total Duration : 3 Hrs.**

**Total Marks : 60**

**Section A**

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

1. a) How will you examine the objectives of Research?  
b) Explain the different sources of literature survey.
2. a) Describe the planning and conducting way of experiments.  
b) Illustrate the data collection in relate of research.
3. What are the different types of errors? Describe the way to minimize error.
4. Show the ideas of project report writing.
5. a) Explain about Indian Journals.  
b) Sketch the ideas to write review papers.
6. Apply the general rules for tabulation.
7. a) Describe about linear regression.  
b) Correlate and examine the method of least square.
8. How will you prepare and design the final project report?

**Section B**

**Part A**

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

9. a) Sketch the ideas to write a project proposal.  
b) How will you approach various funding agencies.
10. a) Describe the methods of searching the journals.  
b) How will you preserve and retrieval the collected literature?
11. a) What are the types of classification?  
b) Examine the simple sampling techniques and show its size.
12. Evaluate the different measures and variability.

**Contd...**

## **Part B**

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

13. Justify the contents and importance of report writing.

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