

**FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2022
(Regular/Improvement/Supplementary)**

**PSYCHOLOGY
FPSY1C02 - RESEARCH METHODOLOGY**

Time: 3 Hours

Maximum Weightage: 30

Part A: Answer any *four* questions. Each carries *two* weightage.

1. Define the meaning of 'A problem' in a research.
2. Write any two features of the Quantitative research.
3. What is an Index Card in a research?
4. Write any two features of a non-parametric statistical technique.
5. Define small N designs briefly.
6. What is type 1 error in hypothesis testing? Explain briefly.
7. Define 'confidentiality' as an ethical concern in research.

(4 × 2 = 8 weightage)

Part B: Answer any *four* questions. Each carries *three* weightage.

8. Explain the characteristics of a scientific research briefly.
9. What is an extraneous variable? Explain how extraneous variable is controlled.
10. Explain observation as a data collection method.
11. Illustrate the applications of field experiments in Psychology.
12. How do you prepare an Index Card?
13. Write a short note on 'database in research'.
14. Illustrate the interpretations of the major parametric statistical techniques.

(4 × 3 = 12 weightage)

Part C: Answer any *two* questions. Each carries *five* weightage.

15. Write a detailed note on ethical issues in research.
16. Explain how a researcher can formulate a problem for his work. Add a note on different types of problems.
17. Write an essay on any two methods of data collection in research'.
18. Briefly explain Pre, True and Quasi experimental designs.

(2 × 5 = 10 weightage)