

Reg No:

Name:

26P248

M.Sc. DEGREE END SEMESTER EXAMINATION - APRIL 2026

SEMESTER 2: PSYCHOLOGY

COURSE: 24P2PSYT07: RESEARCH METHODOLOGY

(For Regular 2025 Admission)

Time: Three Hours

Max. Weights: 30

PART A

Answer any 8 questions

Weight: 1

1. Define ontology, epistemology, and axiology. (R), CO1
2. State quasi-experimental design. (R), CO4
3. Summarize the need for controlling extraneous variables. (U), CO4
4. Briefly explain any one parametric and one non-parametric test. (R), CO6
5. What is qualitative research? (R), CO5
6. Explain the steps involved in the research process. (U), CO2
7. Discuss Type I and Type II errors (U), CO6
8. Compare reference and bibliography. (U), CO8
9. Define and differentiate between manifest and latent content. (U), CO5
10. Contrast correlation and regression. (U), CO6
(1 x 8 = 8)

PART B

Answer any 6 questions

Weight: 2

11. Discuss the concept of different types of variables to identify them in a given research scenario. (Ap), CO3
12. Analyze ethnography in terms of its purpose, types, and steps. (An), CO5
13. Analyze the importance of normal distribution and level of significance in hypothesis testing. (An), CO7
14. Make a note on the factors affecting the validity of research and their impact on findings. (Ap), CO2

15. Illustrate the steps involved in preparing a research proposal to a topic of your choice. (Ap), CO8
16. Compare sampling and non-sampling errors and examine their impact on the accuracy of research findings. (An), CO3
17. Analyze the strengths and weaknesses of non-experimental designs in Psychology. (An), CO4
18. Examine different types of variance and their impact on the outcomes of an experiment. (An), CO4
(2 x 6 = 12)

PART C

Answer any 2 questions

Weight: 5

19. Evaluate the impact of sampling methods and sampling errors on the generalizability and credibility of research outcomes. Suggest strategies to minimize these errors. (E), CO3
20. Examine the criteria for selecting appropriate statistical tests in research. Justify when parametric or non-parametric tests should be used with suitable examples. (E), CO6
21. Critically appraise the usefulness of non-experimental designs (quasi-experimental and correlational) in psychological research. (E), CO4
22. Critically examine the strengths and limitations of qualitative data collection methods such as observation, interviews, focus group discussions, and document analysis. (E), CO5
(5 x 2 = 10)