Roll No. ☐☐☐☐☐☐☐☐☐☐☐

PRESIDENCY UNIVERSITY

BENGALURU

End - Term Examinations – December 2025	
Date: 27- 12- 2025	**Time:** 09:30am – 12:30pm

School: SOLAS-PG	**Program:** MSc Psychology
Course Code: MSP4106	**Course Name:** Quantitative Research Methods in Psychology
Semester: I	**Max Marks**:100	**Weightage**:50%

CO - Levels	CO1	CO2	CO3	CO4	CO5
Marks	34	32	16	18	--

Instructions:

(i) *Read all questions carefully and answer accordingly.*
(ii) *Do not write anything on the question paper other than roll number.*

Part A

Answer ALL the Questions. Each question carries 3 marks.   **10Q x 3 M=30M**

1.	What is structured interview? How is it different from unstructured interview?	3 Marks	L1	CO
2.	Mention any three types of plagiarism.	3 Marks	L1	CO
3.	Define psychological research. Mention any two goals of research.	3 Marks	L1	CO
4.	What is a t-test? State its purpose in research.	3 Marks	L1	CO
5.	What is non-probability sampling? Describe any one type.	3 Marks	L1	CO
6.	Define a normal distribution. Mention any two of its uses in research.	3 Marks	L1	CO
7.	Explain the meaning of extraneous variables with one example.	3 Marks	L1	CO
8.	List the main steps involved in writing a research proposal.	3 Marks	L1	CO
9.	Define survey research. State one advantage and one limitation.	3 Marks	L1	CO
10.	What is psychological research? Mention any two goals of research.	3 Marks	L1	CO

Part B

Answer Any Four Questions. Each Question Carries 10 Marks.   **4Q x 10M=40M**

11.	Describe the importance of reviewing past studies before conducting new research.	10 Marks	L2	CO1
	Or			
12.	Describe the major phases of the research process with examples.	10 Marks	L2	CO1

13.	Discuss any three methods of data collection commonly used in psychology.	10 Marks	L2	CO2
	Or			
14.	Compare probability and non-probability sampling with examples.	10 Marks	L2	CO2

15.	Describe correlational and descriptive research designs and their uses.	10 Marks	L2	CO2
	Or			
16.	Explain between-subject and within-subject experimental designs with examples.	10 Marks	L2	CO2

17.	Describe the purpose of statistical testing and explain any two common tests used in psychology.	10 Marks	L2	CO3
	Or			
18.	Explain the meaning of measures of central tendency and variability.	10 Marks	L2	CO3

Part C

Answer Any Two Questions. Each Question Carries 15 Marks.   **2Q x 15M=30M**

19.	Discuss why appropriate research design is essential for good research.	15 Marks	L2	CO1
	Or			
20.	Evaluate the importance of formulating clear hypotheses in research.	15 Marks	L3	CO1

21.	Explain the process of statistical analysis in SPSS—from entering data to interpreting results.	15 Marks	L2	CO4
	Or			
22.	Describe the APA 7th edition rules for structuring a research manuscript.	15 Marks	L2	CO4