

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

MSc DEGREE EXAMINATION MAY 2025  
(First Semester)

Branch - APPLIED PSYCHOLOGY

RESEARCH METHODOLOGY

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(10 × 1 = 10)

Question No.	Question
1	Which one among the following, is not true about Ex post facto research? a. The researcher has no control over the variables b. The researcher can only report what has happened or what is happening c. Mostly used for descriptive studies d. Cannot be used to discover the causes
2	Participants in an experiment would perform some tasks and then provide a detailed description of their conscious experience of the task. This is called as a. Description      b. Introspection      c. Reporting      d. Memorizing
3	If the population from which a sample is to be drawn does not constitute a homogeneous group, then _____ is applied so as to obtain a representative sample. a. Stratified sampling technique      b. Lottery method c. Convenience sampling technique      d. None of the above
4	The sequential stages of doing a research follows i. data collection ii. formulating a research design iii. formulate hypothesis iv. defining a research problem a. iv, iii, ii, i      b. i, ii, iii, iv      c. i, ii, iv, iii      d. iv, ii, iii, i
5	_____ describes the present state of affairs as it exists without having any control over variables. a. Analytical research      b. Descriptive research c. Applied research      d. Distinctive research
6	Research design that needs to collect factual information on a continuous basis is classified as a. Longitudinal study design      b. Pre and post study design c. Cross sectional study design      d. Double control study design
7	_____ research is concerned with qualitative phenomena. a. Qualitative      b. Descriptive      c. Quantitative      d. Numerical
8	Which of the following is an example of qualitative research? a. Ex post facto research      b. Survey research c. Grounded theory research      d. Experimental research
9	Bibliography means a. Foot note      b. Quotations      c. List of books referred      d. Biography
10	The last stage of research process is a. Report writing      b. Analysis of data c. Review of literature      d. Reference writing

Cont...

**SECTION - B (35 Marks)**

Answer ALL questions

ALL questions carry EQUAL Marks

(5 × 7 = 35)

Question No.	Question
11.a.	Discuss the history of scientific research in psychology.
(OR)	
11.b.	Describe the ethics of psychological research.
12.a.	List out the sources of review of literature.
(OR)	
12.b.	Explain the types and criteria of good hypothesis.
13.a.	Elucidate before and after without control design.
(OR)	
13.b.	Describe exploratory research.
14.a.	Explain personal document technique.
(OR)	
14.b.	Explicate interview as a data collection tool.
15.a.	Explain how to write a research proposal with an imaginary research problem.
(OR)	
15.b.	Discuss the key issues in report writing.

**SECTION - C (30 Marks)**

Answer ANY THREE questions

ALL questions carry EQUAL Marks

(3 × 10 = 30)

Question No.	Question
16	Analysis the various methods of research.
17	Assess the sampling techniques.
18	Discuss the need of a research design and important concepts related to it.
19	Explain the ways of analyzing qualitative data.
20	Outline APA guidelines for report writing.

Z-Z-Z

END