

**PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**MSc DEGREE EXAMINATION DECEMBER 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

$$(10 \times 1 = 10)$$

**Cont...**

5	9	Which of the following best describes 'Plagiarism' in academic writing? a) Using technical jargon specific to a field b) Presenting someone else's work or ideas as your own, without proper citation c) Writing a lengthy discussion section d) Disagreeing with a published author's findings	K1	CO5
	10	The 'Mixed Methods Approach' in research is defined by: a) Integrating both quantitative and qualitative approaches within a single study b) Using only qualitative data collection techniques c) Applying multiple statistical tests to the same data d) Using a single method for different research problems	K2	CO5

**SECTION - B (35 Marks)**

Answer ALL questions

ALL questions carry EQUAL Marks

 $(5 \times 7 = 35)$ 

Module No.	Question No.	Question	K Level	CO
1	11.a.	Explain the purpose and importance of research. (OR)	K2	CO1
	11.b.	Explain the differences between quantitative and qualitative research paradigms.		
2	12.a.	Sketch the types of hypotheses. (OR)	K4	CO2
	12.b.	Differentiate probability and non-probability sampling with examples.		
3	13.a.	Analyze how a factorial design tests interaction effects. (OR)	K4	CO3
	13.b.	Compare descriptive and experimental research designs.		
4	14.a.	Demonstrate the steps of thematic analysis. (OR)	K3	CO4
	14.b.	Illustrate the before-and-after with control design.		
5	15.a.	Explain the components of an APA 7 <sup>th</sup> edition research report. (OR)	K5	CO5
	15.b.	Evaluate the abstract, literature review, and plagiarism.		

**SECTION - C (30 Marks)**

Answer ANY THREE questions

ALL questions carry EQUAL Marks

 $(3 \times 10 = 30)$ 

Module No.	Question No.	Question	K Level	CO
1	16	Critically analyze the paradigms of research.	K4	CO1
2	17	Develop a research plan to study a counseling technique's impact on anxiety.	K6	CO2
3	18	Compare and contrast the experimental and non-experimental designs.	K5	CO3
4	19	Propose a qualitative study to investigate the challenges faced by remote workers and evaluate the suitability of different qualitative data analysis methods for this study.	K6	CO4
5	20	Appraise the discussion section's role and ways to avoid plagiarism and bias.	K5	CO5