PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2025
(Fourth Semester)

Branch – **PSYCHOLOGY**

RESEARCH METHODOLGY

Time: Three Hours   Maximum: 75 Marks

SECTION-A (10 Marks)
Answer ALL questions

ALL questions carry EQUAL marks   (10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	What is the main objective of scientific research? a. Increase subjectivity b. Increase no of publications c. Discover new facts d. Confuse theories	K1	CO1
	2	Tell where introspection is primarily used a. Survey method b. Quantitative method c. Qualitative method d. Experimental method	K2	CO1
2	3	What is the main purpose of literature review? a. To criticize earlier research b. To copy previous works c. To identify research gaps d. To know the methodology	K1	CO2
	4	What is Plagiarism? a. Giving citation b. Ethical writing c. Intellectual theft d. Peer review	K2	CO2
3	5	What is the focus of quantitative research design? a. Personal experiences b. Statistical analysis c. Narrative data d. Observational notes	K1	CO3
	6	Qualitative research design includes all of the following except a. Ethnography b. Phenomenology c. Grounded theory d. Randomized control trial	K2	CO3
4	7	What does Population refers to? a. The sub group b. Tools used in research c. Universe of sample d. A group of researchers	K1	CO4
	8	What type of scale is a Likert Scale? a. Nominal scale b. Ordinal scale c. Interval scale d. Ratio scale	K2	CO4
5	9	What does appendix section of the research report includes? a. Tools and questionnaires b. Final results c. Tables d. Literature summary	K1	CO5
	10	Infer Which part of the report summarizes main findings? a. Discussion b. Conclusion c. Supporting findings d. Methodology	K2	CO5

SECTION - B (35 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** Marks   (5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Explain correlational research.	K2	CO1
		(OR)		
	11.b.	Explain interview methods & its types.		
2	12.a.	List the types of variables with explanation.	K4	CO2
		(OR)		
	12.b.	Examine the sources of review?		
3	13.a.	Identify the need for good research design.	K3	CO3
		(OR)		
	13.b.	Utilize informal experimental design and explain your resource work.		
4	14.a.	Identify the types of validity.	K3	CO4
		(OR)		
	14.b.	Identify the levels of data given by Stevens.		
5	15.a.	List the mechanics of writing a report.	K4	CO5
		(OR)		
	15.b.	Analyze the general outline on technical report.		

SECTION -C (30 Marks)
Answer **ANY THREE** questions
ALL questions carry **EQUAL** Marks   (3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Analyze on steps in research process	K4	CO1
2	17	Explain the characteristics of good hypothesis and types of hypotheses.	K5	CO2
3	18	Explain completely randomized block design.	K5	CO3
4	19	Distinguish probability sampling methods from non-probability sampling methods.	K4	CO4
5	20	Analyze the usual steps involved in report writing.	K4	CO5

Z-Z-Z   END