

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2024
(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

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

Module No.	Question No.	Question	K Level	CO
1	1	Authenticity of a research finding is its: a) Originality b) Validity c) Objectivity d) All of the above	K1	CO1
	2	The method of research involves in manipulating one variable to establish causation with another variable is known as _____ a) Survey research b) Experimental research c) Case study research d) Action research	K2	CO1
2	3	What is the purpose of data analysis in the research process? a) To collect data from research participants b) To review the existing literature c) To design the research study d) To test the research hypothesis	K1	CO2
	4	The sampling that is based on probability, that is equal, is known as _____ a) Simple random sampling b) Stratified sampling c) Probability sampling d) Quota sampling	K2	CO2
3	5	_____ describes the present state of affairs as it exists without having any control over variables. a) Analytical research b) Applied research c) Descriptive research d) Distinctive research	K1	CO3
	6	What is a cross-sectional research design? a) A design in which data is collected at one point in time b) A design in which data is collected over a period of time c) A design in which data is collected from a representative sample of the population d) A design in which data is collected from a non-representative sample of the population	K2	CO3
4	7	A census taker often collects data through _____ a) Standardised tests b) Interviews c) Secondary data d) Observations	K1	CO4
	8	Which of the following is a key goal of qualitative data analysis? a) Reductionism b) Objectivity c) Categorization d) Quantification	K2	CO4
5	9	Which of the following abbreviations used in footnotes and endnotes means ‘in the same place’? a) et.al b) ibid c) loc.cit d) op.cit	K1	CO5
	10	According to UGC regulations 2018 on plagiarism, level 3 plagiarism refers to similarities a) above 60% b) below 10% c) above 10% to 30% d) above 40% to 60%	K2	CO5

Cont...

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 research and the paradigms of research.	K2	CO1
	(OR)			
	11.b.	Discuss the Ethical issues in Psychological research.		
2	12.a.	Analyse sampling techniques. Explain the types of variables.	K4	CO2
	(OR)			
	12.b.	Categorize research hypotheses and explain the criteria for good hypotheses.		
3	13.a.	Trace the need for research design. List out the features of good research design.	K3	CO3
	(OR)			
	13.b.	Elaborate on Application of Non-experimental research designs.		
4	14.a.	Explain the methods of data collection in qualitative research.	K2	CO4
	(OR)			
	14.b.	Explain data analysis softwares.		
5	15.a.	Distinguish the structure and format to write a report according to APA guidelines.	K4	CO5
	(OR)			
	15.b.	Analyse the key issues in writing a 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	Explain the methods of conduction of research.	K2	CO1
2	17	Apply the research process involved in a research.	K3	CO2
3	18	Organize the basic principles of Experimental research designs.	K3	CO3
4	19	List the ways of analysing qualitative research.	K4	CO4
5	20	Distinguish the steps and precautions in writing a research report. Explain how to publish a research paper?	K4	CO5

Z-Z-Z

END