

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

MA DEGREE EXAMINATION MAY 2023  
(First Semester)

Branch – ECONOMICS

**RESEARCH METHODOLOGY**

Time: Three Hours

Maximum: 50 Marks

**SECTION-A (5 Marks)**

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

- 1 All research processes start with -----  
(i) Observation (ii) Hypothesis  
(iii) Experiments (iv) Deduction
- 2 Research design is a \_\_\_\_\_  
(i) Strategy (ii) Framework  
(iii) Blueprint (iv) Both (ii) & (iii)
- 3 Pick out odd one probability sampling can be:  
(i) Simple random sampling (ii) Convenience sampling  
(iii) Stratified random sampling (iv) Systemic random sampling
- 4 What comes after the objective of report writing process?  
(i) Planning of the report (ii) Title page of the report  
(iii) Summary of the report (iv) Body of the report
- 5 The slope of the regression line of Y on X is also referred to as the:  
(i) Regression coefficient of X on Y (ii) Correlation coefficient of X on Y  
(iii) Regression coefficient of Y on X (iv) Correlation coefficient of Y on X

**SECTION - B (15 Marks)**

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 a State the criteria of good research.  
OR  
b Illustrate the objectives of research.
- 7 a Explain the importance of review of literature in research.  
OR  
b Show the features of a good research design.
- 8 a Discuss the various steps involved in the sampling process.  
OR  
b Explain the components of measurement scale.
- 9 a State the various steps in writing report.  
OR  
b Explain the branches and characteristics of bibliography.
- 10 a Explain the measures of central tendency.  
OR  
b State how you interpret a chi-square test.

Cont...

**SECTION -C (30 Marks)**

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11 a Elucidate the different types of research.  
OR  
b Analyze the problems encountered by researchers in India.
- 12 a Elucidate the points to be considered in the process of identifying a research problem.  
OR  
b Describe the criteria of a good hypothesis.
- 13 a Differentiate between probability and non-probability sampling.  
OR  
b Construct the methods of data collection.
- 14 a Describe the essential features of a research report.  
OR  
b Enumerate the mechanics and precautions to be taken in writing research report.
- 15 a Differentiate between correlation and regression.  
OR  
b Analyze the uses and advantages of SPSS in research.

Z-Z-Z

END