

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

MSW DEGREE EXAMINATION DECEMBER 2023  
(Second Semester)

Branch – SOCIAL WORK

SOCIAL WORK RESEARCH AND STATISTICS

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

1. What is the major objective of social work research?
  - a) To establish social work theory
  - b) To identify and measure the need for service
  - c) To develop interventions for social problems
  - d) To provide knowledge about intervention effectiveness
2. Mailed questionnaire is a method of primary data collection where a list of questions pertaining to the survey, known as:
  - a) Interview Schedule
  - b) Questionnaire
  - c) Observation
  - d) Interview
3. Which is a statistical error that occurs when an analyst does not select a sample that represents the entire population of data?
  - a) Type – I error
  - b) Type – II error
  - c) Sampling error
  - d) Systematic error
4. Which provide the information necessary for readers to identify and retrieve each work cited in the text?
  - a) Normality Test
  - b) References
  - c) Data processing
  - d) Sampling frame
5. Statistics should be capable of .....
  - a) Empiricism
  - b) Systematic inquiry
  - c) Comparison
  - d) Evaluation

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

6. a) Distinguish between social work research and social science research.  
(OR)  
b) Explain the techniques of formulating a research problem.
7. a) Illustrate the various approaches of ethnographic research.  
(OR)  
b) Differentiate the quantitative and qualitative research study.
8. a) Show the merits and demerits of observation method.  
(OR)  
b) State the importance of pilot study and pre-test.

Cont...

9. a) Prepare the types of non-probability sampling methods.  
(OR)  
b) Present the methods of measuring the reliability.
10. a) Find the methods of measuring central tendencies.  
(OR)  
b) Ascertain the application of SPSS in social work research.

**SECTION -C (30 Marks)**  
Answer **ALL** questions  
**ALL** questions carry **EQUAL** Marks (5 x 6 = 30)

11. a) Describe the scope and functions of research.  
(OR)  
b) Explain the guiding ethical principles of social work research.
12. a) Manifest the various types of research design.  
(OR)  
b) Discover the methods of data collection in qualitative research and brief its importance.
13. a) Discuss the advantages and disadvantages of probability and non-probability sampling methods.  
(OR)  
b) Identify the various types of questions in a questionnaire and interview schedule.
14. a) Discuss the various methods and techniques of scaling measurement.  
(OR)  
b) Designate the various steps involved in writing a research report.
15. a) Analyze the important statistical tests used to test the hypotheses.  
(OR)  
b) Computer Mean and Median for the following data:

X	0-10	10-20	20-30	30-40	40-50	50-60	60-70
Y	5	10	15	20	25	30	35

Z-Z-Z      END