

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



B.A. DEGREE EXAMINATION – SOCIOLOGY

FIFTH SEMESTER – APRIL 2023

USO 5501 – RESEARCH METHODS AND STATISTICS

Date: 10-05-2023

Dept. No.

Max. : 100 Marks

Time: 09:00 AM - 12:00 NOON

PART A

Answer the following within 30 words each:

(10x2=20)

1. Define social research.
2. Highlight any two differences between induction and deduction.
3. Define research design.
4. What is snowball sampling? Give an example.
5. Differentiate between participant and non-participant observation.
6. Highlight the main goal of ethnographic studies.
7. Mention any two types of interviews.
8. Explain the importance of diagrams and charts in research.
9. The number of runs scored by 11 players in a cricket match are:
5, 19, 42, 11, 50, 30, 21, 0, 52, 36 and 27. Find the median.
10. What is bibliography?

PART B

Answer any Five questions:

(5x8=40)

11. Analyse the differences between idiographic and nomothetic research.
12. Evaluate the ethical issues involved in social research.
13. Explain the types of research design.
14. Elaborate any two qualitative methods of data collection.
15. Appraise the content essential to write a research report.
16. Illustrate the uses of diagrams and charts in social research.
17. Calculate median for the following data:

x	f
0-10	14
10-20	23
20-30	27
30-40	21
40-50	15

PART C

Answer any Two questions:

(2x20=40)

18. Explain the various stages in the process of social research with a flow diagram.
19. Define sampling. Categorize and explain any four sampling techniques.
20. Elaborate on how to write a research proposal.
21. Calculate mean and mode for the following data:

X	100-120	120-140	140-160	160-180	180-200	200-220	220-240
F	10	8	4	4	3	1	2
