LOYOLA COLLEGE (AUTONOMOUS) CHENNAI – 600 034

B.A. DEGREE EXAMINATION – **SOCIOLOGY**

FIFTH SEMESTER – **NOVEMBER 2024**

USO 5501 – RESEARCH METHODS AND STATISTICS

Date: 22-11-2024   Dept. No.   Max. : 100 Marks
Time: 01:00 pm-04:00 pm

SECTION A

Answer ANY FOUR of the following   **4 x 10 = 40 Marks**

1. Examine the differences between idiographic and nomothetic research.
2. Explain the ethics to be followed in social research.
3. Highlight the various types of questions in a questionnaire.
4. Explain survey and field study method.
5. Differentiate between participant and non-participant observation.
6. Elucidate the differences between probability and non-probability sampling methods.
7. The marks scored by students in a subject are as follows:

   Calculate the mean mark: 70 48 78 54 32 44 85 43 53 47

8. Calculate median for the following series:

Marks scored	80	68	28	77	56	95
No. of students	5	6	2	7	12	3

SECTION B

Answer ANY THREE of the following   **3 x 20 = 60 Marks**

9. Elaborate the characteristics of social research.
10. Examine the various steps in social research with the help of a flow diagram.
11. Analyze the advantages and limitations of a questionnaire.
12. Explain various types of social research designs.
13. Discuss any four probability sampling methods.
14. Calculate median and mode for the following data:

x	0-20	20-40	40-60	60-80	80-100	100-120	120-140
f	10	22	8	12	14	7	9

1