LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

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

FIFTH SEMESTER – **NOVEMBER 2022**

USO 5501 – RESEARCH METHODS AND STATISTICS

Date: 21-11-2022   Dept. No.   Max. : 100 Marks
Time: 09:00 AM - 12:00 NOON

PART– A

Answer ALL questions in about 30 words each   (10 x 2=20 Marks)

1. List any two types of research.
2. Define variable.
3. What is a survey?
4. Differentiate primary data from secondary data.
5. Define observation.
6. What is the difference between a questionnaire and interview schedule?
7. Define tabulation.
8. Mention any two measures of central tendency.
9. Find the median for the following data :
   10, 5, 11, 8, 22, 15, 18, 17, 13.
10. List out any four components of a research report.

PART– B

Answer any FIVE questions in about 300 Word Each: (5x8=40 marks)

11. Explain the steps in social research.
12. Examine the characteristics of social research.
13. Describe the characteristics and qualities of a good researcher.
14. Analyze questionnaire as a tool of data collection.
15. Summarize the types of observation.
16. Calculate median for the following data:

x	20	21	22	23	24	25	26
f	2	7	11	15	10	4	1

17. Elucidate the merits and demerits of Interview as a tool for data collection.

PART – C

Answer any TWO questions in about 1200 words each: (2x20= 40 marks)

18. Classify social research based on various criteria.
19. Elaborate the various types of sampling techniques.
20. Illustrate Interview as a tool of data collection.
21. Calculate mean and mode for the following data:

x	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50
f	6	12	50	120	225	250	185	110	32	10

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