



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.A.DEGREE EXAMINATION –SOCIOLOGY

FIFTH SEMESTER – APRIL 2019

SO 5500– RESEARCH METHODS & STATISTICS

Date: 15-04-2019
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

PART - A

Answer any FOUR questions in about 300 words each: (4 x 10 = 40 Marks)

1. Define social research. Explain the aims and characteristics of scientific research.
2. Explain any four types of social research.
3. What is a variable? Explain the various types of variables.
4. Elucidate the sources and importance of hypothesis.
5. Define a research problem. Explain the criteria for selecting a research problem.
6. Highlight the guidelines of framing a questionnaire.
7. Explain any three types of interview in research.
8. Compute mean for the following data by direct method:

0-10	10-20	20-30	30-40	40-50	50-60	60-70
5	12	15	25	8	3	2

PART - B

Answer any THREE questions in about 1200 words each (3 x 20 = 60 Marks)

9. Discuss the various steps in the process of social research with the help of a flow chart.
10. Explain the characteristics and types of hypothesis.
11. Define research design. Explain its functions and types.
12. Differentiate questionnaire from interview. Explain the advantages and limitations of questionnaire.
13. Describe the process of interviewing in research. Elucidate the merits of interviewing.
14. Calculate mean, median and mode for the following data:

Weight	100-110	110-120	120-130	130-140	140-150	150-160	160-170	170-180
No.of persons	4	6	20	32	33	17	8	2
