

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.A. DEGREE EXAMINATION – SOCIOLOGY

FIFTH SEMESTER – NOVEMBER 2009

SO 5500 - RESEARCH METHODS & STATISTICS

Date & Time: 3/11/2009 / 9:00 - 12:00

Dept. No.

Max. : 100 Marks

PART – A

Write a short note on the following in 30 words each.

(10x2 = 20 marks)

01. Scientific Research.
02. Variable.
03. Concept.
04. Research Design.
05. Meaning of Interview.
06. Pilot study.
07. Open-ended questions.
08. Median formula.
09. Definition of Mode.
10. Objectivity.

PART – B

Answer any FIVE questions in about 300 words each.

(5X8 = 40 marks)

11. Explain the methods of social research.
12. Explain the sources of hypothesis.
13. What are the functions of research design?
14. Explain the limitation of questionnaire.
15. Elucidate the qualities of an interviewer.
16. What are the objectives of central tendency?
17. Explain the principles of experimental design.

PART – C

Answer any TWO of the following in 1200 words each.

(2X20 = 40 marks)

18. Define social research. Describe the various steps in social research
19. Define hypothesis. Explain the characteristics and types of hypothesis.
20. In a study on tribalism and poverty in Jharkhand, a sample of 122 tribal's were interviewed and their poverty is measured and quantified. The following is the data on poverty score and its distribution among the 122 samples taken for the study. Calculate the mode using the grouping and analyzing method.

Poverty Score	No. of Persons	Poverty score	No. of Persons
100-110	4	140-150	33
110-120	6	150-160	17
120-130	20	160-170	08
130-140	32	170-180	02

21. Define research problem. Enumerate the different steps and techniques involved in selecting research problem.
