



**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034**

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

**FIFTH SEMESTER – NOVEMBER 2013**

**SO 5500 – RESEARCH METHODS AND STATISTICS**

Date : 05/11/2013  
Time : 9:00 - 12:00

Dept. No.

Max. : 100 Marks

**PART – A**

**Answer ALL questions in about 30 words each:**

**(10 x 2 = 20)**

1. Define social research.
2. What do you mean by scientific method?
3. What is variable?
4. Define hypothesis.
5. What is a research problem?
6. Define research design.
7. What is interview schedule?
8. Mention any two objectives of interview.
9. Find out Arithmetic Mean: 15, 5, 40, 20, 30.
10. Find out Median: 70, 60, 75, 90, 65, 80, 42, 63, 72.

**PART – B**

**Answer any FIVE of the following in about 300 words each:**

**(5 x 8 = 40)**

11. Highlight the characteristics of scientific research.
12. Define concept and construct.
13. Explain the functions of research design.
14. Elucidate the merits and demerits of interview as a tool of data collection.
15. Define mode and explain the merits and demerits of mode.
16. Explicate the criteria of a good research.
17. Explain the need for defining a research problem.

**PART – C**

**Answer any TWO of the following in about 1200 words each:**

**(2 x 20 = 40)**

18. Explain the various types of social research.
19. Explain the types, characteristics and importance of hypothesis.
20. Describe the guiding considerations in the construction of a questionnaire and explain the merits and demerits of questionnaire.
21. Compute of Mean, Median and Mode for the following data:

Marks	0 - 10	10 - 20	20 – 30	30 - 40	40 - 50	50 - 60	60 - 70
No. of Students	5	12	15	25	8	3	2

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