LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.A. DEGREE EXAMINATION – SOCIOLOGY

FIFTH SEMESTER – NOVEMBER 2014

SO 5500 - RESEARCH METHODS & STATISTICS

Date : 30/10/2014   Dept. No.   Max. : 100 Marks
Time : 09:00-12:00

PART – A

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

1. State the aims of social research.
2. What do you mean by 'Ex post facto' research?
3. What is a concept?
4. Define hypothesis.
5. Write any two rules to define a problem.
6. What is meant by research design?
7. Define interview.
8. What do you mean by schedule?
9. Calculate Median: 40, 10, 35, 20, 60, 25.
10. Find out Mode: 15, 8, 10, 20, 15, 10, 9, 20, 10.

PART – B

Answer any FIVE of the following in about 300 words each: **(5 x 8 = 40)**

11. Explain qualitative and quantitative research with suitable examples.
12. Highlight the characteristics of hypothesis.
13. Explain the functions of research design.
14. Bring out the differences between questionnaire and schedule.
15. Define Mean and explain the merits and demerits of Mean.
16. Explain the types of variables.
17. Elucidate the merits and demerits of questionnaire.

PART – C

Answer any TWO of the following in about 1200 words each: **(2 x 20 = 40)**

18. Explain the various methods of social research.
19. Discuss the criteria for selecting a research problem.
20. Elucidate the various types of interview and explain the merits and demerits of interview.
21. Compute the Mean, Median and Mode for the following data:

Marks	0 - 10	10 – 20	20 - 30	30 - 40	40 - 50	50 - 60
No. of Students	3	9	15	30	18	5

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