



# LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

## B.A. DEGREE EXAMINATION – SOCIOLOGY

FIFTH SEMESTER – APRIL 2017

### SO 5500- RESEARCH METHODS & STATISTICS

Date: 20-04-2017  
01:00-04:00

Dept. No.

Max. : 100 Marks

#### PART – A

Answer ALL questions in about 30 words each:

(10 x 2 = 20)

1. What is social research?
2. Mention any two aims of social research.
3. Define hypothesis.
4. What is concept?
5. What do you mean by research design?
6. What is a research problem?
7. What is an interview?
8. Define questionnaire?
9. Find out Mean: 5, 10, 15, 20, 25.
10. Find out Median: 35, 12, 8, 40, 60.

#### 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. Describe the types of hypothesis.
13. Explain the functions of research design.
14. Explain the advantages and limitations of questionnaire.
15. Elucidate the types of social research.
16. Computation of Median:

X	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80
Y	2	3	4	3	2	1	0.5	0.1

17. Calculate Mode from the following data:

X	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80
Y	5	15	30	55	85	60	45	25

#### PART – C

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

(2 x 20 = 40)

18. Explain in detail the various methods of social research.
19. Portray the criteria for selecting a research problem.
20. Elucidate the various types of interview and its advantages and limitations.
21. What are the measures of Central tendency and explain its merits and demerits.

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