LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

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

FIFTH SEMESTER – **NOVEMBER 2017**

SO 5500 – RESEARCH METHODS & STATISTICS

Date: 01-11-2017   Dept. No.   Max. : 100 Marks
Time: 09:00-12:00

PART – A

Answer the following questions in about 30 words: **(10x2=20 Marks)**

1) Mention any two characteristics of social research.

2) Distinguish between accuracy and precision in research

3) What do you mean by operationalization of concept?

4) Mention the various types of hypothesis.

5) When is median preferred over mean to represent a set of values?

6) What is experience survey?

7) How do you initiate an interview?

8) Distinguish between pretest and pilot study.

9) What is central tendency?

10. What is the median score achieved by a student who recorded the following

   scores on 10 math quizzes? 68, 55, 70, 62, 71, 58, 81, 82, 63, 79

PART – B

Answer any FIVE questions in about 300 words each   **(5x8=40 marks)**

11. Explain the importance of social research.

12. What is variable? Explain the various types of variables.

13. What is research design? Explain the functions of research design?

14. Enumerate the guidelines for framing a questionnaire

15. Enumerate the criteria for selecting a research problem.

16. Enumerate the merit and limitations of interview method.

17. Write the formula for mean, median and mode? At what context are these

   Central tendencies applied?

1

PART – C

Answer any TWO questions in about 1200 words each: **(2x20= 40 marks)**

18. Define social research? Explain the steps in social research.

19. What are the various sources of data collection? Discuss the differences

    Between questionnaire and interview schedule.

20. Define hypothesis. Discuss the sources and importance of hypothesis.

21. Calculate the Mean, Median and Mode for the data given below

S.No.	Daily earnings in Rs	No of Persons.
1.	50-53	3
2.	53-56	8
3	56-59	14
4.	59-62	30
5.	62-65	36
6.	65-68	28
7.	68-71	16
8.	71-74	10
9.	74-77	5

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