LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.A. DEGREE EXAMINATION – SOCIOLOGY

FIRST SEMESTER – NOVEMBER 2023

PSO 1503 – RESEARCH METHODOLOGY

Date: 06-11-2023   Dept. No.   Max. : 100 Marks
Time: 01:00 PM - 04:00 PM

	PART – A	(10x 2 = 20 Marks)
Q. No	**Answer ALL questions (in about 30 words)**	
1	What is Social research?	
2	Calculate the Mean: 5,7,45,55,14,8	
3	What do you understand by research problem?	
4	What is meant by Empirical Research?	
5	Calculate the Median: 12,33,54,37,1,63,2	
6	What do you understand by case study method?	
7	Mention any three current social problem.	
8	Write a short note on social realities.	
9	Mention three measures of central tendency.	
10	Mention four characteristics of scientific research.	

	PART – B	(5 x 8 = 40 Marks)
	Answer any FIVE questions (in about 300 words)	
11	Write a short note on a) Null Hypothesis and b) Alternate hypothesis.	
12	Distinguish between Fact and theory.	
13	Examine the criteria for hypotheses formulation and explain various types of hypotheses.	
14	Explain the following in detail a) Coding b) Editing	
15	Find the mean, median and mode for the following data. 0-10 10-20 20-30 30-40 40-50 50-60 60-70 10 20 30 35 40 15 25	
16	Delineate the advantages of Interview schedule.	
17	Write a brief note on the following a) Qualitative Research b) Quantitative Research c) Mixed Research.	

	PART – C	(2 x 20 = 40 Marks)
	Answer any TWO question (in about 1200 words)	
18	What are the different steps involved in carrying out the research process effectively?	
19	What is Report writing and explain its structure in detail.	
20	Compute Karl Pearson's co-efficient of correlation for the following data (X) 30 60 43 25 35 4 5 15 (Y) 24 75 34 18 20 19 18 20	
21	Elaborate on probability and non-probability sampling.	

&&&&&&&&&&