

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



M.A. DEGREE EXAMINATION – SOCIOLOGY

FIRST SEMESTER – NOVEMBER 2019

PSO 1503 – RESEARCH METHODOLOGY

Date: 05-11-2019

Dept. No.

Max. : 100 Marks

Time: 01:00-04:00

PART A

Answer ALL the following in about 30 words each:

(10 x 2= 20 Marks)

1. Define research.
2. What is longitudinal research?
3. Define hypothesis.
4. What is a theory?
5. Define research design.
6. What is snow ball sampling?
7. What is coding in research?
8. Mention any two uses of diagrammatic presentation in research.
9. Find out the mode from the given values: 10, 15, 13, 15, 10, 12, 13, 22, 15, 24, 15, 10.
10. Find the median value from the given values: 5, 7, 9, 12, 4, 55, 33, 77, 86, 44, 27, 18.

PART B

Answer any FIVE questions in about 300 words each:

(5 x 8= 40 Marks)

11. What are the characteristics of scientific research?
12. Highlight the functions of hypothesis in social research.
13. Describe the different types of research designs used in social science.
14. Briefly explain the advantages of questionnaire method in collecting data.
15. The daily wages of 50 employees in an organization are given below: find the mean daily wages of the workers.

Daily wages (in Rs)	100 - 150	150 - 200	200 - 250	250 - 300
Number of Workers	12	13	17	8

16. Elucidate the salient features of qualitative research in social research.
17. Briefly describe the importance of statistical tools in social research.

PART C

Answer any TWO questions in about 1,200 words each:

(2 x 20= 40 Marks)

18. Discuss the need and importance of research in social sciences.
19. What is sampling? Discuss the types of sampling used in research with examples.
20. Examine the different methods used in collecting data in social research.
21. Find the mean and median for the following data:

x	110-120	120-130	130-140	140-150	150-160	160-170	170-180	180-190	190-200
f	6	25	48	72	116	60	38	22	3

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