

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



M.A.DEGREE EXAMINATION –**SOCIOLOGY**

FIRST SEMESTER – **APRIL 2018**

16PSO1MC03/SO 1813 – RESEARCH METHODOLOGY

Date: 28-04-2018

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

PART A

Answer ALL questions in about 30 words each

(10 x 2=20 marks)

1. Define social research.
2. What is the difference between action research and applied research?
3. Define concept. Give an example.
4. What is the difference between induction and deduction?
5. What is a null hypothesis?
6. Write a short note on descriptive research design.
7. What is sampling?
8. What is meant by primary data?
9. Define average.
10. Provide the formulae to calculate mean and median in continuous series.

PART B

Answer any FIVE questions in about 300 words each

(5 x 8=40 marks)

11. Elucidate the aims of research.
12. Explain the role of theory in research.
13. Delineate the sources of deriving hypothesis.
14. Describe convenient and snowball sampling methods.
15. What is probability sampling? Explain with an example.
16. Explain the goals and functions of research design.
17. What are the advantages of using an interview schedule in data collection?
18. From the following data of the marks obtained by 60 students of a class calculate the arithmetic mean:

Marks	20	30	40	50	60	70
No.of Students	8	12	20	10	6	4

PART C

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

(2 x 20=40 marks)

19. Describe the various types of research.
20. Examine the criteria for hypotheses construction and explain the various types of hypotheses.
21. Discuss the various steps in questionnaire construction and bring out its limitations.
22. Calculate median from the following frequency distribution:

Class Group	Frequency
100-120	6
120-130	25
130-140	48
140-150	72
150-160	116
160-170	60
170-180	38
180-190	22
190-200	3
