



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.A. DEGREE EXAMINATION – SOCIOLOGY

FIRST SEMESTER – APRIL 2016

SO 1813 - RESEARCH METHODOLOGY

Date: 02-05-2016
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

Section A

Answer ALL ques in 30 words each. All questions carry equal marks.

(10×2=20 Marks)

1. Social research.
2. Research problem.
3. Unobtrusive research.
4. Research design.
5. Hypothesis.
6. Questionnaire.
7. Probability sampling.
8. Graphic representation.
9. Correlation.
10. Measures of central tendency.

Section B

Answer any FIVE questions in 300 words each. All questions carry equal marks.

(5×8=40 Marks)

11. What are the important concepts relating to research design?
12. Differentiate between primary and secondary data.
13. Explain how sampling and statistical interference are useful for a research.
14. Define hypothesis and explain its types.
15. Discuss any four types of sampling method.
16. Test scores for a class of 20 students are as follows :
93,84,97,98,100,78,86,100,85,92,72,55,91,90,75,94,83,60,81,95. Find the mode interval and the interval that contains the median.

Test Scores	Frequency
91-100	
81-90	
71-80	
61-70	
51-60	

17. Write a short note on Chi-Square test.

Section C

Answer any TWO questions in 1200 words each. All questions carry equal marks.

(2×20=40 Marks)

18. Define research. Classify the types of research.
19. Briefly discuss about the various techniques used for data collection.
20. In January of 2006, your family moved to a tropical climate. For the year that followed, you recorded the number of rainy days that occurred each month. Your data contained 14,14,10,12,11,13,11,11,14,10,13,8.
 - a) Find the mean, mode, median and range for your data set of rainy days.
 - b) If the number of rainy days doubles each month in the year 2007, what will be the mean, mode, median and range for the 2007 data?
 - c) If instead there are three more rainy days per month in the year 2007, what will be the mean, mode, median and range for the 2007 year data?
21. Write short notes on a) Measures of central tendency b) Measures of dispersion
