



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – MEDICAL SOCIOLOGY

FOURTH SEMESTER – APRIL 2016

SO 4804 - QUANTITATIVE RESEARCH METHODS

Date: 15-04-2016
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

PART A

Answer all the questions in about 30 words each:

(10 x 2=20 marks)

1. What is meant by reliability in research?
2. Mention the four popular measurement scales used in research.
3. What is a questionnaire?
4. What is the difference between interview guide and interview schedule?
5. Write a short note on snow ball sampling.
6. What is the need of pretest?
7. What is deductive method in research?
8. Find out the mean from the following values- 65, 87, 74, 33, 11, 23, 44, 92.
9. What is pilot study?
10. Define median.

PART B

Answer any FIVE questions in about 300 words each:

(5 x 8=40 marks)

11. Briefly explain the measurements and scales used in quantitative research.
12. Highlight the difference between quantitative and qualitative research.
13. What are the steps involved in formulating a research question?
14. Elucidate the rules for construction of a questionnaire.
15. Find out the mean, median and mode of this value- 13, 33, 18, 31, 43, 9, 64, 52, 91.
16. Describe the importance of literature review in research.
17. Explain the bivariate and multivariate analysis.

PART C

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

(2 x 20=40 Marks)

18. What are the steps involved in research? Discuss.
19. Elucidate the probability sampling with examples.
20. Delineate the types of interview and the tasks involved in it.
21. Write a model research proposal.
