LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – **MEDICAL SOCIOLOGY**

FOURTH SEMESTER – NOVEMBER 2016

SO 4804 - QUANTITATIVE RESEARCH METHODS

Date: 08-11-2016   Dept. No.   Max. : 100 Marks
Time: 01:00-04:00

PART- A

Answer all the questions in about 30 words each: (10 x 2=20 marks)

1. Define research.
2. What is objectivity in research?
3. Define variable.
4. What is a hypothesis?
5. Define sampling.
6. What is snow ball sampling?
7. Differentiate pre-test from pilot study.
8. What is meant by bivariate?
9. Find out the median from the given values- 45, 43, 66, 88, 99, 22, 55, 33, 11.
10. Define coding.

PART-B

Answer any FIVE questions in about 300 words each: (5 x 8=40 marks)

11. What are the steps involved in formulating a research question?
12. Briefly explain the measurements and scales used in quantitative research.
13. Bring out the difference between quantitative and qualitative research.
14. Describe the probability sampling with examples.
15. Elucidate the rules of questionnaire construction.
16. Find out the mean, median and mode from the given value- 13, 44, 13, 65, 14, 13, 16, 24, 14, 21.
17. Describe the importance of literature review in research.

PART- C

Answer any TWO questions in about 1,200 words each: (2 x 20=40 Marks)

18. Elaborate on the eight step methods in research.
19. Examine the non-probability samplings with examples.
20. Delineate different types of questionnaire with examples.
21. Write a research proposal on the theme of your own choice.

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