 LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

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

FOURTH SEMESTER – APRIL 2012

# SO 4804 - QUANTITATIVE RESEARCH METHODS

Date : 16-04-2012 Dept. No. Max. : 100 Marks

Time : 1:00 - 4:00

**Part – A**

*Write a short note on ALL of the following in about 30 words each:* (10 x 2 = 20)

1. Contingency table.
2. Vignette questions.
3. Observation schedule.
4. Ordinal variable.
5. Internal validity.
6. Hypothesis
7. Negative relationship.
8. Snowball sample.
9. Inter-coder reliability.
10. Dependent variable.

**Part – B**

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

1. Describe the difference between simple random sampling and systematic sampling. What are the strengths and weaknesses of each of these sampling approaches?
2. What is a missing data? Why do they arise?
3. Can you infer causality from bivariate analysis? Explain.
4. Why are closed questions frequently preferred to open questions in survey research?
5. Why do you think it is important to follow a specific set of guidelines when preparing a research proposal?
6. What is the relationship between epistemology and methodology?
7. What is a coding schedule? What are its limitations?

**Part – C**

*Answer any Two questions in about 1200 words each:* (2 x 20 = 40)

1. What is probability sampling? Examine the various types of probability sampling.
2. What are the advantages and disadvantages associated with narrative review?
3. Examine in detail the format for writing a dissertation.
4. Elaborate the general guidelines for survey interviewing.

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