

[LL 1017]

OCTOBER 2017

Sub. Code: 3085

**M.Sc. MEDICAL SOCIOLOGY EXAMS
FIRST YEAR
PAPER V – RESEARCH METHODOLOGY AND
EPIDEMIOLOGICAL ANALYSIS**

Q.P. Code: 283085

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. a) What are the differences between observational studies and experimental studies?
b) Explain analysis of a cohort study with a suitable example.
2. a) Explain the measures of central tendency and dispersion.
b) Write a brief note on types of Probability Sampling.

II. Write notes on:

(10 x 6 = 60)

1. Validity and Reliability.
2. Coefficient of variation.
3. Confidence Interval.
4. Normal distribution.
5. Principal of a Good Report.
6. Regression.
7. Measure of Disease Frequency.
8. Feature of Good Research Design.
9. Type I and Type II error.
10. Estimation of risks.
