

[LL 1017]

OCTOBER 2017

Sub. Code: 3001

**M.Sc. EPIDEMIOLOGY EXAMS
FIRST YEAR
PAPER I – PRINCIPLES OF EPIDEMIOLOGY AND BIOSTATISTICS**

Q.P. Code : 313001

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. a) Cohort study with examples.
b) Case-control study with examples.
c) Comparison of characteristics of these studies.
2. a) Principle of probability sampling.
b) Types of probability sampling.
c) Merits and demerits of each of the sampling techniques.

II. Write notes on:

(10 x 6 = 60)

1. Correlation coefficient.
2. Types of data.
3. Reliability.
4. Ecological study.
5. Charts and Graphs.
6. Systematic error.
7. Ethics review of research proposals.
8. Phase IV trials.
9. Wilcoxon signed rank test.
10. Prevalence and Incidence.
