

[LD 1013]

OCTOBER 2013

Sub. Code: 3001

M.Sc (EPIDEMIOLOGY) DEGREE EXAMINATION

FIRST YEAR

PAPER I – PRINCIPLES OF EPIDEMIOLOGY

AND BIostatISTICS

Q.P. Code : 313001

Time : 3 hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on :

(2X20=40)

1. Discuss various methods of Observational study designs.
2. Discuss Normal, Binomial and Poisson distributions.

II. Write notes on :

(10X6=60)

1. Measures of mortality.
2. Likelihood ratio in diagnostic test.
3. Decision tree.
4. Vaccine preventable diseases.
5. Coefficient of variation.
6. Confidence interval.
7. Differences between parametric and non parametric test.
8. Log linear models.
9. Gross Reproduction Rate.
10. Injury control in working environment.
