

September - 2009

[KV 234]

Sub. Code: 3001

M.Sc (EPIDEMIOLOGY) DEGREE EXAMINATION

Part I

Paper I – PRINCIPLES OF EPIDEMIOLOGY AND BIostatISTICS

Q.P. Code : 313001

Time : Three hours

Maximum : 100 marks

Answer All questions.

I. Essays:

(2 X 20=40)

1. Describe the basic steps involved in conducting randomized controlled trials and discuss about the types of R.C.T.
2. Define confounding and discuss the methods available to control confounding at various stages.

II. Write Short Notes on :

(10X 6 = 60)

1. Cluster sampling method – Advantages.
2. Standard error versus standard deviation.
3. Meta –analysis.
4. Conditional probability.
5. Relative risk versus attributable risk.
6. ANOVA.
7. Age and adjusted rates.
8. Berksonian Bias.
9. Measurement of morbidity.
10. Stem and leaf plot.
