

M.Sc (EPIDEMIOLOGY) DEGREE EXAMINATION

Part I

**Paper III – EPIDEMIOLOGICAL METHODS IN HEALTH
MANAGEMENT**

Q.P. Code : 313003

Time : Three hours

Maximum : 100 marks

Answer All questions.

I. Essays:

(2 X 20=40)

1. Describe different types of Bias in case control studies. Explain the measures you will take to tackle them.
2. Describe the stages involved in the investigation of an epidemic.

II. Write Short Notes on :

(10X 6 = 60)

1. Relative risk.
2. Cost benefit analysis.
3. Retrospective cohort studies.
4. Sensitivity analysis.
5. Etiologic fraction.
6. Confounding factor.
7. Multiple linear regression.
8. Perfect positive correlation.
9. Blocking in randomization.
10. Parallel screening tests.
