

[KD 234]

APRIL 2001

M.Sc. (Epidemiology) DEGREE EXAMINATION.

Part I

Paper I — PRINCIPLES OF EPIDEMIOLOGY AND  
BIO-STATISTICS

Time : Three hours                      Maximum : 100 marks

Answer ALL questions.

1. What is Causal Association in Epidemiology? (20)  
Illustrate your answers with examples. (20)
  2. Write briefly on : (30)
    - (a) Regression
    - (b) Blinding in a Drug trial
    - (c) Natural history of a disease
    - (d) Sample selection.
  3. Mention the various study designs. Describe in detail how you will conduct a cohort study. (20)
  4. Write briefly on : (30)
    - (a) Probability
    - (b) Multi Centric Trials
    - (c) Principles of Model Construction
    - (d) Estimation of Risks.
-