

SV 303

APRIL 1998

M.Sc. EPIDEMIOLOGY DEGREE EXAMINATION

Part I

Paper I - PRINCIPLES OF EPIDEMIOLOGY AND BIostatistic

Time: Three hours

Max. marks:100

Answer All Questions

1. List the characteristics of the stochastic model and describe some of its applications. (20)
2. Write briefly on:
  - (a) Relative risk versus attributable risk
  - (b) Adjusted Odd's ratio
  - (c) Secondary attack rate
  - (d) Advantages of cluster sampling method. (30)
3. Describe with examples the scope of quasi experimental studies in public health. (20)
4. Write briefly on:
  - (a) ANOVA test
  - (b) Sources of mortality data for India
  - (c) Sample size determination in cohort studies
  - (d) Life table method of analysis. (30)