

[SM 234]

OCTOBER 1998

M.Sc. (Epidemiology) DEGREE EXAMINATION.

Part I

Paper I — PRINCIPLES OF EPIDEMIOLOGY AND
BIOSTATISTICS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. What are the tests of significance? Describe the different tests for different types of data. (20)
2. Write briefly on : (30)
 - (a) Evaluation of screening test.
 - (b) Standardized mortality ratio.
 - (c) Appropriate sample size.
 - (d) Time trends in disease occurrence.
3. What is Causal association in Epidemiology? Illustrate your answer with examples. (20)
 1. Write briefly on : (30)
 - (a) Applications of Life table
 - (b) Proportional mortality rates
 - (c) Epidemiological case sheet
 - (d) Concurrent parallel study design of controlled trials.