

APRIL 2000

[KB 234]

M.Sc. (Epidemiology) DEGREE EXAMINATION.

Part I

**Paper I — PRINCIPLES OF EPIDEMIOLOGY AND
BIOSTATISTICS**

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. **Define Sampling. Discuss various sampling methods with suitable examples. (20)**
2. **Write briefly on :**
 - (a) Measures of dispersion
 - (b) Probability
 - (c) Regression
 - (d) Census. (30)
3. **Mention the various study designs and describe in detail how you will conduct a case control study. (20)**
4. **Write briefly on :**
 - (a) Incidence and prevalence
 - (b) Blinding in a drug trial
 - (c) Relative Risk
 - (d) Primary prevention. (30)