

AUGUST 2005

[KN 236]

Sub. Code : 3003

SECTION B — (10 × 5 = 50 marks)

M.Sc. (Epidemiology) DEGREE EXAMINATION.

Part I

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

Time : Three hours Maximum : 100 marks

**Sec. A & B : Two hours and Sec. A & B : 80 marks
forty minutes**

Sec. C : Twenty minutes Sec. C : 20 marks

Answer Sections A and B in the SAME answer book.

Answer Section C in the answer sheet provided.

Answer ALL questions.

SECTION A — (2 × 15 = 30 marks)

1. Describe the procedure in conducting a case-control study selecting a suitable example. (15)
2. Describe the role of sample size and power consideration in research studies. (15)

3. Write short notes on :

- (a) Attributable risk.
- (b) Attrition.
- (c) Double blinding.
- (d) Time cluster studies.
- (e) Decision tree.
- (f) Cost-effectiveness analysis.
- (g) Prevention of environmental pollution.
- (h) Census.
- (i) Standardised death rate.
- (j) Factors affecting demographic profile.