

[SM 236] **OCTOBER 1998**

M.Sc. (Epidemiology) DEGREE EXAMINATION.

Part I

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

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Describe the three-tier system of health care in India. Describe the various maternal and child health services provided in the rural areas. (20)
 2. Write briefly on : (30)
 - (a) Socialization
 - (b) Fertility indicators
 - (c) Health intelligence
 - (d) Work sampling.
 3. Define infant mortality rate. Write in detail the various causes for high infant mortality in India. Outline the programme to reduce it. (20)
 4. Write briefly on : (30)
 - (a) Principles of health education.
 - (b) Cultural factors in health and disease.
 - (c) Heat stress indices.
 - (d) Physical Quality of Life Index.
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