

M.Sc. EPIDEMIOLOGY DEGREE EXAMINATION

Part I

Paper II - EPIDEMIOLOGY OF DISEASES OF PUBLIC HEALTH
IMPORTANCE AND DISEASE CONTROL

Time: Three hours

Max.marks:100

Answer All Questions

1. Write briefly on:

- (a) Pulse polio programme
- (b) Epidemiology and transmission of Dengue
Haemorrhagic fever
- (c) Directly observed therapy
- (d) Risk factors for hepatocellular carcinoma (30)

2. Give the reasons for failure of the national malaria control programme. Discuss its strategies for malaria control in the present context. (20)

3. Write briefly on:

- (a) Sentinel Surveillance for HIV infection
- (b) Universal immunization against Hepatitis B virus infection: current controversies
- (c) Evidence based medicine
- (d) Epidemiology of Alzheimer's disease. (30)

4. Discuss the strategies for prevention of iodine deficiency disorders in India, with special reference to cost-effectiveness. (20)