

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)

APRIL 1998

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IMPORTANCE AND DISEASE CONTROL

Time: Three hours

Max.marks:100

Answer All Questions

1. Mention the criterion for elimination of leprosy from India. Discuss the strategies for elimination of leprosy in the present global context. (20)
2. Write briefly on:
  - (a) Antigenic shift in influenza virus
  - (b) Yellow fever as a re-emerging communicable disease
  - (c) Transmission and control of Kyasanur Forest disease
  - (d) Risk factors for ocular cataract. (30)
3. Discuss the strategies for the control and prevention of cancers of the oral cavity and cervix uteri. (20)
4. Write briefly on:
  - (a) Control of urban malaria
  - (b) Role of newer regimens and drugs to control filariasis
  - (c) Domiciliary treatment versus directly observed treatment in the control of tuberculosis
  - (d) Surveillance for poliomyelitis. (30)

**OCTOBER 1998**

**[SM 235]**

M.Sc. (Epidemiology) DEGREE EXAMINATION.

Part I

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

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Discuss the epidemiological and technical problems  
affecting eradication of malaria in India. (20)

2. Write briefly on : (30)

- (a) Food standards
- (b) Prevention of blindness
- (c) Contact tracing in sexually transmitted diseases
- (d) Measurements of burden of the coronary heart diseases.

3. What are the common nutritional deficiency diseases  
seen among children in India? What measures would you  
suggest for their prevention? (20)

1. Write briefly on : (30)

- (a) Schick test.
  - (b) Filaria Survey.
  - (c) Measurement of problems of Tuberculosis.
  - (d) Health education as a tool for AIDS control.
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OCTOBER 1999

[KA 235]

M.Sc. (Epidemiology) DEGREE EXAMINATION.

Part I

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

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Write briefly on :

(a) Information Education Communication (IEC) activities in AIDS control.

(b) Guineaworm eradication in India.

(c) Control of an out-break of plague in a non-endemic area

(d) Risk factors for carcinoma cervix. (30)

2. Mention the reasons for failure of National Tuberculosis Control Programme in India and discuss the strategies for effective control. (20)

3. Write briefly on : (30)

(a) Epidemiology of severe Acute Respiratory Infections (ARI).

(b) Surveillance for communicable diseases at the international level.

(c) Socio-economic and life style risk factors for myocardial infarction.

(d) Epidemiology of leptospirosis.

4. Discuss the strategies for preventing anaemia in India. – both short and long term. (20)

[KB 235]

APRIL 2000

M.Sc. (Epidemiology) DEGREE EXAMINATION.

Part I

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

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe the measures taken by the Government towards eradication of poliomyelitis in our country. (20)
  2. Write briefly on :
    - (a) Food adulteration
    - (b) Filarial indices
    - (c) Measles vaccine
    - (d) Preventive measures for coronary heart disease. (30)
  3. Discuss the role of Vitamin A in a child's growth and describe the measures to combat Vitamin A deficiency. (20)
  4. Write briefly on :
    - (a) Neonatal tetanus
    - (b) Acute Respiratory Infection Control Programme
    - (c) Iron deficiency anaemia
    - (d) AIDS control measures. (30)
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