

APRIL 1990

EXAMINATION FOR THE DIPLOMA IN  
PUBLIC HEALTH, APRIL 1990.

## Part I

## PUBLIC HEALTH BASIC SCIENCES

(Chemistry, Physics, Microbiology and Immunology)

Time : Three hours. Maximum : 100 marks.

Answer ALL the questions.

1. Discuss specific defense mechanisms against infection. (15)
  2. Describe the methods of purification of water on small scale. (15)
  3. Write short notes on :
    - (a) Bio-gas plant. (10)
    - (b) Standards of ventilation. (10)
  4. Describe bacteriological features of *Treponema Pallidum* and laboratory investigations of Syphilis. (15)
  5. Write in detail :
    - (a) Classification of Leprosy. (10)
    - (b) B.C.G. vaccine. (10)
  6. Write in detail epidemiology and prevention of Tetanus. (15)
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EXAMINATION FOR THE POST-GRADUATE DIPLOMA IN  
PUBLIC HEALTH, (D.P.H.) SEPTEMBER 1990

Part I

Paper I — PUBLIC HEALTH BASIC SCIENCES  
(Chemistry, Physics, Microbiology and Immunology)

Time : Three hours.

Maximum : 100 marks.

Answer ALL the questions.

1. Describe Universal Programme of Immunisation (15)
  2. Give in detail elements of surveillance of drinking water quality. (15)
  3. Write short notes on :
    - (a) Main sources and indicators of air pollution. (10)
    - (b) Housing and health. (10)
  4. Describe in detail chemical disinfectants with their advantages and disadvantages. Give examples of disinfection procedures. (15)
  5. Discuss epidemiology of AIDS (Acquired Immuno deficiency Syndrome). (15)
  6. Write short notes on :
    - (a) Antirabic vaccine. (10)
    - (b) Mantoux test. (10)
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EXAMINATION FOR THE POST-GRADUATE DIPLOMA IN  
PUBLIC HEALTH (D.P.H.), OCTOBER 1991.

Part I

Paper I — PUBLIC HEALTH BASIC SCIENCES

(Chemistry, Physics, Microbiology and Immunology)

Time : Three hours.

Maximum : 100 marks.

Answer ALL questions.

1. What are the steps in the purification of a Town Water Supply? How will you monitor the quality of water?  
(25 marks)
2. What are the changing trends in the epidemiology of Cholera in India? Explain the causes for the Endemicity of the disease in the country. (25 marks)
3. Write short notes on :
  - (a) Passive immunity.
  - (b) Milk sanitation.
  - (c) ELISA Test.
  - (d) Activated sludge.
  - (e) Carriers as a public health problem.

(5 × 10 = 50 marks)

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APRIL 1992

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EXAMINATION FOR THE POST-GRADUATE DIPLOMA IN  
PUBLIC HEALTH (D.P.H.), APRIL 1992.

Part I

Paper I — PUBLIC HEALTH AND BASIC SCIENCE

(Chemistry, Physics, Microbiology and Immunology)

Time : Three hours.

Maximum : 100 marks.

Answer ALL questions.

1. Describe the epidemiology and control of endemic Typhus. (25 marks)
  2. Describe the epidemiology of Pulmonary Tuberculosis in India. (25 marks)
  3. Write short notes on :
    - (a) Septic Tank.
    - (b) Monitoring and control of air pollution.
    - (c) Methods of maintaining cold chain and its role in Universal Immunisation Programme.
    - (d) Differences between concurrent and terminal disinfection.
    - (e) Endemicity of Viral Hepatitis A in India. (5 × 10 = 50 marks)
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**NOVEMBER 1993**

**[PR 525]**

**DIPLOMA IN PUBLIC HEALTH.**

**Part I – Paper I**

**PUBLIC HEALTH BASIC SCIENCES**

**(Chemistry, Physics, Microbiology and Immunology)**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

1. Enumerate the microbes that can cause food poisoning. Describe the epidemiological factors of bacterial food poisoning highlighting the incriminating food substances involved. (25)
  2. Discuss the different tests commonly employed for assessing the quality of potable water. Add a note on 'International standards' of drinking water. (25)
  3. Write short notes on : (5 × 10 = 50)
    - (a) Greenhouse effect.
    - (b) Tissue culture vaccines.
    - (c) Acute radiation syndrome.
    - (d) Phenol coefficient.
    - (e) Noise pollution.
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MS 329

OCTOBER 1997

DIPLOMA IN PUBLIC HEALTH

(New Regulations)

Paper III - NATIONAL PROGRAMMES, HEALTH  
MANAGEMENT, ECONOMIC EVALUATION OF  
PROGRAMMES, HEALTH EDUCATION,  
INTERNATIONAL HEALTH, PUBLIC HEALTH ACTS.

Time: Three hours

Max.marks:100

Answer All Questions

1. Enumerate the various methods of health management. Discuss in detail about the quantitative methods of health management.
2. Discuss the various factors responsible for the failure of National Malaria Eradication Programme. Suggest methods to improve the efficacy of the programme.  
(25)

3. Write briefly on:

- (a) Principles of health education
- (b) National cancer control programme
- (c) Current status of ROME programme
- (d) Ford foundation
- (e) PFA Act.

(5x10=50)

SV 354

APRIL 1998

DIPLOMA IN PUBLIC HEALTH

(New Regulations)

Paper III - NATIONAL PROGRAMMES, HEALTH  
MANAGEMENT, ECONOMIC EVALUATION OF  
PROGRAMMES, HEALTH EDUCATION,  
INTERNATIONAL HEALTH & PUBLIC HEALTH  
ACTS

Time: Three hours

Max.marks:100

Answer All Questions

1. What are the principles of health planning?  
Elucidate the role of the district in  
health care delivery. (25)
2. How will you evaluate National tuberculosis  
control programme? What are the present  
problems in the implementation of the  
National tuberculosis control programme. (25)
3. Write briefly on:
  - (a) Operations research
  - (b) Methods of health education
  - (c) Role of UNICEF in India
  - (d) Workmen's compensation act
  - (e) Cost - benefit analysis.

— (5x10=50)

APRIL 1999

[SG 1537]

Sub. Code : 3049

DIPLOMA IN PUBLIC HEALTH EXAMINATION.

(New Regulations)

Paper III — NATIONAL PROGRAMMES, HEALTH  
MANAGEMENT ECONOMIC EVALUATION OF  
PROGRAMMES, HEALTH EDUCATION,  
INTERNATIONAL HEALTH, PUBLIC HEALTH ACTS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw diagrams wherever necessary.

1. Discuss the need and importance of national health programmes in controlling the communicable diseases in India. (25)
2. What is meant by KAP? Discuss the uses of KAP studies in health management. (25)
3. Write short notes on : (5 × 10 = 50)
  - (a) Model Public Health Act.
  - (b) Role of US aid in India.
  - (c) Cost–Benefit Analysis.
  - (d) Mass Media.
  - (e) Health Aspects of Minimum Needs Programme.



OCTOBER 1999

[KA 1537]

Sub. Code : 3049

DIPLOMA IN PUBLIC HEALTH EXAMINATION.

(New Regulations)

Paper III — NATIONAL PROGRAMMES, HEALTH  
MANAGEMENT, ECONOMIC EVALUATION OF  
PROGRAMMES, HEALTH EDUCATION,  
INTERNATIONAL HEALTH AND PUBLIC HEALTH

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss different aspects of National Malaria Eradication Programme including that of Malaria Action Plan, bringing out the strengths and weaknesses of the programme. (25)
  2. Discuss the role of voluntary health agencies in the health care delivery in India. (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) The Immoral Traffic (prev) Act 1986
    - (b) National Health Policy
    - (c) Cost effective analysis
    - (d) International Surveillance of diseases
    - (e) Logistics for planning and evaluation of health education programme.
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MARCH 2000

[KB 1537]

Sub. Code : 3049

DIPLOMA IN PUBLIC HEALTH EXAMINATION.

(New Regulations)

Paper III — NATIONAL PROGRAMMES, HEALTH  
MANAGEMENT, ECONOMIC EVALUATION OF  
PROGRAMMES, HEALTH EDUCATION,  
INTERNATIONAL HEALTH AND PUBLIC HEALTH  
ACTS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Enumerate the various quantitative methods of management technique. Discuss Network analysis and its role in health management. (25)
  2. Define Health Education. Discuss the principles of health education. (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) Sickness Benefit offered under ESI Act
    - (b) International travel and diseases
    - (c) Evaluation of National Family Welfare Programme
    - (d) Role of Voluntary Health Organisations in India
    - (e) Bhore Committee.
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SEPTEMBER 2000

[KC 1537]

Sub. Code : 3049

DIPLOMA IN PUBLIC HEALTH EXAMINATION.

(New Regulations)

Paper III — NATIONAL PROGRAMMES, HEALTH  
MANAGEMENT, ECONOMIC EVALUATION  
OF PROGRAMMES, HEALTH EDUCATION,  
INTERNATIONAL HEALTH AND  
PUBLIC HEALTH ACTS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. What is communication? What are the various methods of health education? What is the role of health education in prevention and control of common diseases in our country — Specify with examples. (25)
  2. What are the community nutrition programmes? How will you monitor and evaluate the nutrition programmes? (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) Panchayat Raj.
    - (b) Cost Effective Analysis.
    - (c) WHO.
    - (d) Baby Friendly Hospitals.
    - (e) Prevention of Food Adulteration Act.
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