

6014 A

(Four and a half Years Course)

FINAL M.B., B.S. DEGREE EXAMINATION, DECEMBER 1990

First Semester

Part I

COMMUNITY MEDICINE

(Common to Five and a half Years Course)

Time : Three hours.

Maximum : 80 marks.

Answer Sections I and II in separate answer books.

SECTION I — (40 marks)

Answer any FOUR questions.

- (a) Mention the methods of water pollution. (5)
- (b) How will you prevent water pollution? (5)

How will you eradicate rabies in a panchayat? (10)

- (a) Briefly describe the natural history of cancer. (5)
- (b) Illustrate primary prevention in cancer. (5)

Mention the agent, vector, mode of spread, and prevention of 5 insect borne diseases. (10)

SECTION II — (40 marks)

Answer any FOUR questions.

- (a) Name the examinations required for a woman in the 5th month of pregnancy. (3)
- (b) Discuss their importance. (7)
- (a) What is Rome scheme? (4)
- (b) Comment on its implementation in Tamil Nadu. (6)
- (a) What is social security? (5)
- (b) Mention social security measures available for organised sector. (5)
- (a) How is 'Chi Square' test done? (5)
- (b) What are its uses? (5)
- Write short notes on :
 - (a) A.P.I. (5)
 - (b) Community based rehabilitation. (5)

FINAL M.B., B.S. EXAMINATION, DECEMBER 1991

Part I

Paper I — COMMUNITY MEDICINE

Time : Two and half hours. Maximum : 60 marks.

Answer ALL questions.

Sections A and B should be answered in separate answer books.

SECTION A

1. Explain the various health indicators used for measuring the health status of a community. (15 marks)
2. What are the measures you would take to safe guard the health of the people affected by major cyclonic flood ? (15 marks)

SECTION B

3.
 - (a) Domiciliary treatment of tuberculosis.
 - (b) Standardised Death Rate.
 - (c) Control of air pollution.
 - (d) Genetic counselling.
 - (e) Keratomalacia.
 - (f) Test of significances. (6 × 5 = 30 marks)
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[1011]

APRIL 1992.

FINAL M.B., B.S., DEGREE EXAMINATION,
APRIL 1992.

COMMUNITY MEDICINE

Time : Three hours

Maximum : 90 marks

Two and a half hours
for Sections A and B

Sections A and B : 60 marks

SECTION A — (30 marks)

Describe the salient points of the National Population Policy 1986, of Government of India. What are the common fertility related statistics used in the Family Welfare Programme. Write briefly on Post-Partum Programme. (15)

2. What are the objectives of an Epidemic Investigation? Describe the important steps in the Investigation of an Epidemic. Discuss briefly the uses of Epidemiology. (15)

SECTION B — (30 marks)

3. (a) Define "Risk Approach" in Maternal Care. Based on this strategy of "Risk Approach" how will you organise Maternal and child Health Care in a PHC area.

(b) Discuss the measures to control Cancer Cervix in District Population.

(c) Discuss the salient features of Universal Immunization Programme.

(d) Discuss the "Ecological factors" related to malnutrition in India. (5)

(e) What are the criteria for screening for a Health Problem in a defined population? (5)

(f) What are the epidemiological factors that have led to the Eradication of Small Pox in the World?

January 1993

[1011]

FINAL M.B.B.S. DEGREE EXAMINATION

Part I

Paper I - COMMUNITY MEDICINE

Time : Three hours

Maximum : 60 marks

SECTION A

1. Describe the Epidemiological features of AIDS? What are its four categories of clinical manifestations and the criteria of Diagnosis? Write a note on control of AIDS and components of AIDS control programme of Govt. of India.
(15 marks)

2. Define and classify Hormonal contraceptives? What are its risks and benefits? Write in detail a Depot Formulations.
(15 marks)

SECTION B

3. (a) International Death Certificate

(b) Population Attributable Risk

(c) Retrospective Cohort Studies

(d) Odds Ratio (cross product ratio) in card study

(e) Body Mass Index and Broca Index

(f) Juvenile Delinquency and Prevention (6 x 5 = 30 marks)

November-1993

[PR 111]

FINAL M.B., B.S. DEGREE EXAMINATION.

Part I

Paper I — COMMUNITY MEDICINE

Time : Three hours.

Maximum : 90 marks.

Answer ALL questions.

Answer Sections A and B in separate answer books.

Answer Section C in the answer sheet provided as per instructions on the first page of the leaflet.

SECTION A — (2 × 15 = 30 marks)

1. Enumerate the objectives and describe the various activities under the modified plan of action for Malaria control.
2. Define Infant Mortality rate. What are the causes of infant mortality in India? Suggest measures to bring down the infant mortality rate.

SECTION B — (6 × 5 = 30 marks)

Write short notes on :

- (a) Nutritional blindness.
 - (b) Bacteriological standards of drinking water.
 - (c) Cohort study.
 - (d) Underfive clinics.
 - (e) Sampling.
 - (f) Advantages of breast feeding.
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Novemembr-1994

ND 5161

FINAL M.B.,B.S., DEGREE EXAMINATION.

Part I

Paper I -- COMMUNITY MEDICINE

Time : Three hours

Maximum : 90 marks

- (1) Answer ALL questions.
- (2) Sections A and B should be answered in separate answer papers.
- (3) Section C in the answer sheet provided as per instructions on the first page of leaflet.

SECTION A -- (2 × 15 = 30 marks)

**Mention the important insect borne Disease in your state?
Discuss the components of National Filaria control programme.**

**Discuss the role of family in Health and Disease? What
are the advantages and disadvantages of**

- (a) Joint family
- (b) Nuclear family.

ND 5161

SECTION B -- (6 × 5 = 30 marks)

Write short notes on :

- (a) Screening test
 - (b) M.D.T. in leprosy treatment.
 - (c) Population education.
 - (d) Prevention of goiter.
 - (e) Geriatric problems.
 - (f) Oral rehydration therapy.
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April-1995

SB 516]

Sub. Code : 4030

FINAL M.B.B.S. DEGREE EXAMINATION

Part I

Paper I - COMMUNITY MEDICINE

Time : Three hours

Maximum : 90 marks

Two and a half hours
for Section A and B

Section A and B : 60 marks

Section C : 30 marks

Answer Section A and B in separate answer books.

Answer section C must be answer sheet provided
as per the instructions on the first page of leaflet.

Answer ALL questions

SECTION A - (2 x 15 = 30 marks)

1. Describe the various indices to assess the problem of tuberculosis in India. Discuss the various components under the National tuberculosis control programme.
2. Define Health Education. Describe the various methods of health education, starting the merits and demerits of the same.

SECTION B - (6 x 5 = 30 marks)

3. Write short notes on:

- (a) Control, elimination and eradication of a disease
- (b) Prevention of noise pollution
- (c) Birth weight
- (d) Objectives of school health services
- (e) Demographic cycle
- (f) Incentives and disincentives in family planning

November-1995

[MB 519]

Sub. Code

FINAL M.B.B.S. DEGREE EXAMINATION.

Part I

COMMUNITY MEDICINE

Time : Three hours

Maximum : 90 ;

Two and a half hours

Section A and B : 60 ;

for Sec. A and B

Section C : 30 ;

Answer Sections A and B in separate answer books.

Answer Section C in the answer sheet provided as per the instructions on the first page of the leaflet.

Answer ALL the questions.

SECTION A — (30 marks)

1. What is the definition of epidemiology? Enumerate different epidemiological methods. Describe with example uses of epidemiology.

2. Discuss in detail the various programme interventions under the National Child Survival and Safe Motherhood Programme

[MB 519]

SECTION B — (6 × 5 = 30 marks)

3. Write short answers on :

- (a) Group Health Education.
 - (b) Benefits under the ESI Act, 1984.
 - (c) Interrelations between Housing and Health.
 - (d) The MTP Act, 1971.
 - (e) Significance of the Net Reproduction Rate.
 - (f) Multidrug therapy for Leprosy.
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April-1996

[AK 521]

Sub. Code : 4030

FINAL M.B.B.S. DEGREE EXAMINATION.

Part I

COMMUNITY MEDICINE.

Time : Three hours

Maximum : 90 marks

Two and a half hours

Sections A and B : 60 marks

for Sec. A and B

Section C : 30 marks

Answer Sections A and B in separate answer books.

Answer Section C in the answer sheet provided as per the instructions on the first page of the leaflet.

Answer ALL the questions.

SECTION A (2 × 15 = 30 marks)

1. What are the non-randomised controlled trials? Discuss three of them with suitable examples. What are the advantages of this type of trial over the randomised controlled trial?
2. What are the causes of industrial accidents? Describe their prevention and control.

SECTION B -- (6 × 5 = 30 marks)

3. Write short notes on.
 - (a) Physical quality of life index.
 - (b) Use of spot maps in epidemiological investigations.
 - (c) Modified plan of operation, 1977.
 - (d) Green house effect and global warming.
 - (e) Genetic counselling.
 - (f) Principles of health education.

APRIL '97

MP 526]

Sub. Code : 4030

FINAL M.B.B.S. DEGREE EXAMINATION

Part II

(Old Regulations)

COMMUNITY MEDICINE

Time : Three hours

Maximum : 90 marks

**Two and a half hours
for Section A and B**

Section A and B : 60 marks

Answer sections A and B in separate answer books

**Answer Section C in the answer sheet provided as per the
instructions on the first page of the leaflet.**

SECTION A - (30 marks)

1. Discuss the objectives and functions of School health service. Describe the implementations of School Health Service programme in the state. (15)

2. Write notes on: (3 x 5 = 15)

- (a) Disinfection of wells**
- (b) Effects of smoking on health**
- (c) Measurement of morbidity**

SECTION B - (30 marks)

3. What is Social Security? What are the Social Security measures provided to the factory workers? Describe the benefits under the E.S.I. scheme. (15)

4. Write notes on: (3 x 5 = 15)

- (a) Bias in epidemiological studies**
- (b) Sex linked inheritance**
- (c) High risk pregnancy**

APRIL '97

MP 529]

Sub. Code : 4030

FINAL M.B.B.S. DEGREE EXAMINATION

Part II

(New Regulations)

COMMUNITY MEDICINE

Time : Three hours

Maximum : 100 marks

**Two and a half hours
for Section A and B**

Section A and B : 70 marks

Answer sections A and B in separate answer books

**Answer Section C in the answer sheet provided as per the
instructions on the first page of the leaflet.**

SECTION A - (35 marks)

1. Discuss the objectives and functions of School health service. Describe the implementations of School Health Service programme in the state. (15)

2. Write notes on: (4 x 5 = 20)

- (a) Disinfection of wells**
- (b) Effects of smoking on health**
- (c) Measurement of morbidity**
- (d) National Health Policy**

SECTION B - (35 marks)

3. What is Social Security? What are the Social Security measures provided to the factory workers? Describe the benefits under the E.S.I. scheme. (15)

4. Write notes on: (4 x 5 = 20)

- (a) Bias in epidemiological studies**
- (b) Sex linked inheritance**
- (c) High risk pregnancy**
- (d) Child survival programmes**

October-1997

MS 529]

Sub. Code : 4030

FINAL M.B.B.S. DEGREE EXAMINATION

Common to all Regulations

Part I

Paper I - COMMUNITY MEDICINE

Time : Three hours

Maximum : 100 marks

Two and a half hours
for Section A and B

Section A and B : 70 marks

Section C : 30 marks

Separate answer books must be used for Section A and B.

Section C must be answered separately on the answer sheet
as per the instructions on the first page.

Answer ALL questions

SECTION A - (35 marks)

1. Describe the epidemiology of cancer, its prevention and control. (15 marks)

2. Write briefly on : (4 x 5 = 20 marks)

- (a) Sampling methods
- (b) Prevention and control of air pollution
- (c) Fluorosis
- (d) Preplacement examination

SECTION B - (35 marks)

3. Describe the prevention of protein energy malnutrition applying different levels of prevention. (15 marks)

4. Write briefly on : (4 x 5 = 20 marks)

- (a) Modifiable risk factors in Hypertension
- (b) Indian Red Cross Society
- (c) Functions of Primary Health Centre
- (d) Herd immunity

April-1998

SV 529]

Sub. Code : 4030

FINAL M.B.B.S. DEGREE EXAMINATION

Common to all Regulations

Part I

Paper I - COMMUNITY MEDICINE

Time : Three hours

Maximum : 100 marks

Two and a half hours
for Section A and B

Section A and B : 70 marks

Section C : 30 marks

Separate answer books must be used for Section A and B.

Section C must be answered separately on the answer sheet
provided as per the instructions on the first page.

Answer ALL questions

SECTION A - (35 marks)

1. Describe the role of Multipurpose Health Worker (Female) in the delivery
of MCH services in rural area. (15 marks)

2. Write short notes on : (4 x 5 = 20 marks)

- (a) Tests of Significance
- (b) Aflatoxicosis
- (c) Physical Quality of Life Index
- (d) ROME Scheme

SECTION B - (35 marks)

3. Describe the various trends of distribution of disease in duly illustrating
with suitable examples. (15 marks)

4. Write short notes on : (4 x 5 = 20 marks)

- (a) Salmonellosis
- (b) Genetic counselling
- (c) National Guinea worm Eradication Programme
- (d) Principles of primary health care

October-1998

SM 529]

Sub. Code : 4030

FINAL M.B.B.S. DEGREE EXAMINATION

Common to all Regulations

Part I

Paper I - COMMUNITY MEDICINE

Time : Three hours

Maximum : 100 marks

Two and a half hours
for Section A and B

Section A and B : 70 marks

Section C : 30 marks

Separate answer books must be used for Sections A and B

Section C must be answered separately on the answer sheet
provided as per the instructions on the first page

Answer ALL the questions

SECTION A

1. Describe the epidemiology of Rabies. Discuss the features for prevention of human rabies. (15)

2. Write briefly on: (4 x 5 = 20)

- (a) Strategies for polio eradication in India
- (b) The growth chart and its uses
- (c) Nutritional anaemias
- (d) Mosquito control measures

SECTION B

3. What is meant by Cohort study? Describe the basic involved in the design of a Cohort study. (15)

4. Write briefly on: (4 x 5 = 20)

- (a) Genetic counselling
- (b) Noise control approaches
- (c) Pasteurisation of milk
- (d) Demographic cycle

[SG 529]

Sub. Code : 4030

FINAL M.B.B.S. DEGREE EXAMINATION.

Common to all Regulations

Part I

Paper I — COMMUNITY MEDICINE

Time : Three hours *APRIL 99* Maximum : 100 marks

Two and a half hours Sec. A & Sec. B : 70 marks

for Sec. A and Sec. B Section C : 30 marks

Separate answer books must be used for
Sections A and B.

Section C must be answered separately on the answer
sheet as per the instructions on the first page.

Answer ALL questions.

SECTION A — (35 marks)

1. Describe briefly the epidemiology of Tuberculosis,
its prevention and control. (15)
2. Write briefly on : (4 × 5 = 20)
 - (a) Measures of Central Tendency
 - (b) Dietary fibre
 - (c) Primary health care
 - (d) Ergonomics.

SECTION B — (35 marks)

1. Describe briefly the functions and organizational
aspects of ICDS scheme. (15)

4. Write briefly on :

(4 × 5 = 20)

- (a) ARI control programme
- (b) Uses of epidemiology
- (c) Occupational cancers
- (d) Multi-drug therapy.

April-2000

[KB 529]

Sub. Code : 4030

FINAL M.B.B.S. DEGREE EXAMINATION.

(Common to all Regulations)

Part I

Paper I — COMMUNITY MEDICINE

Time : Three hours

Maximum : 100 marks

Two and a half hours

Sec. A & Sec. B : 70 marks

for Sec. A and Sec. B

Section C : 30 marks

Separate answer books must be used for Sections A and B.

Section C must be answered separately on the answer sheet as per the instructions on the first page.

Answer ALL questions.

SECTION A — (35 marks)

1. Describe briefly the epidemiology of poliomyelitis, its prevention and control. (15)
2. Write briefly on : (4 × 5 = 20)
 - (a) Normal curve
 - (b) ESI Scheme
 - (c) Biological transmission
 - (d) Endemic goitre.

SECTION B — (35 marks)

3. Describe briefly the prevention of coronary artery disease applying different levels of prevention. (15)
4. Write briefly on : (4 × 5 = 20)
 - (a) Case control study
 - (b) Nutritional anaemias
 - (c) Oral Rehydration therapy
 - (d) UNICEF.

[KC 529]

Sub. Code : 4030

FINAL M.B.B.S. DEGREE EXAMINATION.

(Common to all Regulations)

Part I

Paper I — COMMUNITY MEDICINE

Time : Three hours Maximum : 100 marks
Two and a half hours Section A and B : 70 marks
for Sections A and B Section C : 30 marks

Separate answer books must be used for
Sections A and B.

Section C must be answered separately on the answer
sheet provided as per the instructions on the first page.

Answer ALL questions.

SECTION A — (35 marks)

1. How do you deal with a problem of Gastro enteritis in a community? (15)
2. Write briefly on : (4 × 5 = 20)
 - (a) Mosquito control measures.
 - (b) Echino coccus granulosis.
 - (c) Principles of Health Education.
 - (d) High risk pregnancy.

SECTION B — (35 marks)

3. Describe the epidemiology, prevention and control of Ankylostomiasis in India. (15)
4. Write briefly on : (4 × 5 = 20)
 - (a) Methods of diet survey with their advantages and disadvantages.
 - (b) Pulse Polio Immunisation Programme.
 - (c) Comfort zones.
 - (d) World Health Organisation.

[KC 550]

Sub. Code : 4074

SECTION B

THIRD M.B.B.S. DEGREE EXAMINATION.

(Non-Semester)

(Revised Regulations)

Part I

Paper IV — COMMUNITY MEDICINE

Time : Three hours	Maximum : 120 marks
Section A & B : 160 min	Section A : 50 marks
and Section C : 20 min	Section B : 50 marks
	Section C : 20 marks

Section A and B should be answered separately.

SECTION A

1. What is Reproductive and Child Health Programme? Describe the mothers' package under the RCH programme. (20)

2. Write briefly on : (6 × 5 = 30)

- (a) Health problems in urban slums
- (b) Role of Medico-Social Worker in hospital
- (c) Psychological problems of the aged
- (d) Medical Termination of pregnancy
- (e) Role of UNICEF in health care delivery
- (f) Job description of Village Health Guide.

3. What are the objectives of School Health Programme? Describe the functions of a School Health Clinic. (20)

4. Write briefly on : (6 × 5 = 30)

- (a) Drug dependence
- (b) Recommendations of Bhore Committee
- (c) Cost-effectiveness
- (d) Anthrax
- (e) Benefits under Employees State Insurance Scheme
- (f) Prevention of Hepatitis B.