

[KD 550]

Sub. Code : 4074

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

(Non-Semester)

(Revised Regulations)

Part I

Paper IV — COMMUNITY MEDICINE — II

Time : Three hours Maximum : 120 marks
Theory : 160 min. Theory : 100 marks
and MCQ : 20 min. MCQ : 20 marks

MCQ must be answered separately on the
answer sheet provided.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

1. Discuss briefly the Revised National Tuberculosis Control Programme (RNTCP) and its operational strategies to control tuberculosis in India. (20)
2. Write briefly on : (6 × 5 = 30)
 - (a) Universal precautions to prevent HIV infection.
 - (b) "Tracking" of blood pressure.

- (c) Radical treatment for Malaria.
- (d) Injectable hormonal contraceptives.
- (e) Low birth weight.
- (f) All India hospital postpartum programme.

3. Discuss the physical and psycho-social environmental factors affecting the health of slum dwellers. Suggest remedial measures. (20)

4. Write briefly on : (6 × 5 = 30)

- (a) Fertility related statistics.
- (b) Cost effective analysis.
- (c) Soil transmitted helminths.
- (d) Ergonomics.
- (e) Community health centre.
- (f) Health problems among school children.

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SECTION B

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

(Non-Semester)

(Revised Regulations)

Part I

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Time : Three hours Maximum : 120 marks

Theory : 160 min. Theory : 100 marks

and MCQ : 20 min. MCQ : 20 marks

Answer MCQ in the answer sheet provided.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

SECTION A

1. Discuss on reproductive and child health programme and compare it with child survival and safe motherhood programme. (20)

2. Write briefly on : (6 × 5 = 30)

- (a) National Population Policy, 2000.
- (b) ESI benefits.
- (c) Sentinel Surveillance.
- (d) Food Taboos during pregnancy.
- (e) Urban Family Welfare Centres.
- (f) Condoms.

3. Discuss in brief the modifiable and non-modifiable risk factors in Coronary Heart Disease. Explain some of the steps taken to prevent CHD. (20)

4. Write briefly on : (6 × 5 = 30)

- (a) Maternal Mortality rate.
- (b) The factories act.
- (c) Multidrug therapy for Leprosy.
- (d) Principles of Primary Health Care.
- (e) Prevention of Alcoholism in Adolescents.
- (f) Anganwadi Centre.

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Part I

Paper IV — COMMUNITY MEDICINE — II

Time : Three hours Maximum : 120 marks

Theory : 160 min. Theory : 100 marks

and MCQ : 20 min. MCQ : 20 marks

Answer MCQ in the answer sheet provided.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Section A and B to be answered
in same answer book.

SECTION A

1. Enumerate National Health Programmes. Describe the National Eradication programme and give a critical analysis of setbacks in the programme which resulted in the resurgence of Malaria and suggested revised strategy for its control. (20)

2. Write briefly on : (6 × 5 = 30)

(a) National demographic goals and revised National population policy.

(b) National Intensified pulse polio Immunisation programme

(c) Causes of low birth weight

(d) Drug dependence

(e) Health problems of the aged

(f) Ergonomics.

SECTION B

3. Define primary health care. Describe the components of it. Discuss how primary health care delivery is rendered to rural areas in India. (20)

4. Write briefly on : (6 × 5 = 30)

(a) Integrated child development services scheme

(b) Network analysis

(c) Asbestosis

(d) Primordial prevention of coronary heart disease

(e) Neonatal tetanus

(f) Types of mental illness and causes.

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

(Non-Semester)

Part I

Paper II — COMMUNITY MEDICINE — II

Time : Three hours Maximum : 120 marks

Theory : Two hours Thirty Theory : 90 marks
minutes

MCQ : Half an hour MCQ : 30 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write Essay : (2 × 15 = 30)

(1) Describe the levels of prevention failure in protein energy malnutrition. Add a note on Clinico-social Assessment of children with Protein-Energy Malnutrition. (15)

(2) Describe the principles of ante-natal care. Explain the risk approach to Ante-natal care. (15)

II. Write briefly on : (12 × 5 = 60)

- (a) Uses of standard deviation.
- (b) Association and causation.
- (c) Health Indicators.
- (d) Cultural factors in Diarrheal disease
- (e) High Risk Strategy.
- (f) Age pyramids.
- (g) National Malaria Eradication Program.
- (h) Acute Flaccid Paralysis.
- (i) Bacteriological quality of drinking water.
- (j) Pre-placement examination and periodic examination.
- (k) Rural Health problems.
- (l) Acculturation and Health.

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

(Non-Semester)

Part I

Paper IV — COMMUNITY MEDICINE — II

Time : Three hours

Maximum : 120 marks

Theory : Two hours Thirty
minutes

Theory : 90 marks

M.C.Q. : Thirty minutes

M.C.Q. : 30 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write Essay : (2 × 15 = 30)

(1) Enumerate vaccine preventable diseases. Describe the epidemiology of polio-myelitis. Add a note on pulsepolio programme.

(2) Define primary health care. What are the principles and essential elements of primary health care?

II. Write briefly on :

(12 × 5 = 60)

- (a) Influenza vaccines
- (b) RNTCP
- (c) Dengue fever
- (d) Warning signals of cancer
- (e) Risk factors in IHD
- (f) Natural F.P. methods
- (g) Planning cycle
- (h) Silicosis
- (i) Functions of WHB
- (j) Components of RCH
- (k) Health problems of urban dwellers
- (l) Filarial indices.

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

(Non-Semester)

Part I

Paper IV — COMMUNITY MEDICINE — II

Time : Three hours
Theory : Two hours and
thirty minutes
M.C.Q. : Half an hour
Maximum : 120 marks
Theory : 90 marks
M.C.Q. : 30 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write Essay : (2 × 15 = 30)

(1) What is 'RISK APPROACH'? Discuss in relation to the Reproductive Child Health Programme.

(2) Discuss control and prevention of Air Pollution.

II. Write briefly on : (12 × 5 = 60)

(a) Data presentation

(b) Relative Risk

(c) Fertility Indices

- (d) Anti Oxidants
- (e) Physical Quality of Life Index
- (f) Social factors influencing disease
- (g) Vaccine vial monitor
- (h) Functions of a subcentre
- (i) Window period
- (j) Vitamin A
- (k) Cohort Studies
- (l) Early signs of cancer.

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

(Non-Semester)

Part I

Paper IV — COMMUNITY MEDICINE — II

Time : Three hours

Maximum : 120 marks

**Theory : Two hours and
thirty minutes**

Theory : 90 marks

M.C.Q. : Half an hour

M.C.Q. : 30 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write Essay : (2 × 15 = 30)

**(1) Classify Arbo viral diseases. Discuss the
Epidemiology and control of Dengue fever.**

**(2) Discuss the benefits under the Employees
State Insurance Act.**

II. Write briefly on : (12 × 5 = 60)

(a) Detection of Typhoid carriers.

(b) Eligible couples.

(c) Advantages of Breast feeding.

- (d) Causes of maternal mortality**
- (e) Mid day school meal programme**
- (f) Health problems of the Aged.**
- (g) Occupational hazards in agriculture.**
- (h) Causes of mental ill health.**
- (i) Danger signals of cancer.**
- (j) Elements of primary health care.**
- (k) Food and agriculture organization.**
- (l) Oral Rehydration Therapy.**

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

Revised (Non-Semester) Regulations

Part I

Paper IV — COMMUNITY MEDICINE — II

Time : Three hours Maximum : 120 marks

Theory : Two hours and Theory : 90 marks

Thirty minutes

M.C.Q. : Half an hour M.C.Q. : 30 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write Essay : (2 × 15 = 30)

(1) Discuss the epidemiology and prevention of Measles disease.

(2) Discuss the causes of Infant Mortality in India. Suggest the preventive and social measures to reduce the Infant mortality.

II. Write briefly on : (12 × 5 = 60)

(a) Prevention of Rheumatic fever.

(b) Surveillance in Malaria.

(c) Opportunistic infections in AIDS.

(d) Post – Partum programme.

(e) Causes of low Birth weight.

(f) Objectives of School Health services.

(g) Assessment of obesity.

(h) Urban basic services.

(i) Principles of Primary Health Care

(j) Functions of World Health Organisation.

(k) Medical measures of prevention occupational diseases.

(l) Juvenile Delinquency.

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II. Write briefly on :

(10 × 5 = 50)

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

Revised (Non-Semester) Regulations

Part I

Paper IV — COMMUNITY MEDICINE — II

Time : Three hours

Maximum : 120 marks

Theory : Two hours and
forty minutes

Theory : 100 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write Essay :

(1) What are the reasons for population explosion in India? Briefly review the different family planning methods taking into account the recent advances in contraception. (20)

(2) What are the common causes of maternal mortality in India? Describe the various measures and the programmes bring implemented for reducing the maternal mortality in India. (15)

(3) Describe the epidemiology, control and prevention of tuberculosis. (15)

- (a) Risk factors in Coronary Artery disease.
- (b) Management techniques.
- (c) Road to Health chart.
- (d) Drug abuse.
- (e) Prevention, of nutritional blindness.
- (f) Pneumoconiosis.
- (g) Filarial Indices
- (h) Art of Interview.
- (i) Measles vaccination.
- (j) Contact tracing.

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

(Revised (Non-Semester) Regulations)

Part I

Paper IV — COMMUNITY MEDICINE – II

Time : Three hours Maximum : 120 marks

Theory: Two hours and Theory: 100 marks
forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

I. Write Essay :

1. What are the prevalence and incidence of poliomyelitis in India? What is pulse Polio immunization? How is the surveillance being done to monitor the problem of polio? Mention the strategies for the eradication of poliomyelitis. (20)

2. Classify the accidents. Describe the epidemiology and prevention of road Traffic accidents in India. (15)

3. Enumerate the national health programmes. What is reproductive and child health? Discuss in detail the salient features of R.C.H. programme. (15)

II. Short notes. (10 × 5 = 50)

(a) Describe the factors responsible for higher fertility in India.

(b) Strategies for directly observed short course (D.O.T.S.)

(c) Man made Malaria.

(d) Management techniques.

(e) Management of Dengue haemorrhagic fever.

(f) Briefly describe the control and prevention of HIV/AIDS.

(g) Enumerate the school health services.

(h) Disaster management.

(i) Principles of primary health care with examples.

(j) Role of Non. Governmental organizations in health care.

FEBRUARY 2008

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Sub. Code : 4074

THIRD (FINAL) M.B.B.S. DEGREE EXAMINATION.

(Revised (Non-Semester) Regulations)

Part I

Paper IV — COMMUNITY MEDICINE — II

Q.P. Code : 524074

Time : Three hours Maximum : 120 marks

Theory : Two hours and Theory : 100 marks
forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write essay : (2 × 20 = 40)

1. Describe the Natural History of "Hypertension".
What is Tracking? Out line the strategies adopted for its
prevention and control. (20)

2. Describe the various health problems of the aged.
Suggest the remedial measures. (20)

II. Short notes : (10 × 6 = 60)

(a) What are the functions of united nation's
children's fund?

(b) Describe Cost – Benefit Analysis.

(c) Write the guidelines for Assessing
dehydration following diarrhea.

(d) Job responsibilities of MPHA (F).
(Multipurpose Health Assistant Female).

(e) Advantages and contraindications for
Intra – Uterine Device.

(f) Uses of Health Information.

(g) Industrial Accidents.

(h) Elements of primary health care.

(i) Shrivastav Committee.

(j) Multi – Drug Therapy.