

April-2001

[KD 186]

Sub. Code : 2090

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch XV — Community Medicine

Part II

Paper III — HEALTH PRACTICE AND
ADMINISTRATION

Time : Three hours

Maximum : 100 marks

ANSWER ALL questions.

1. Discuss the National Health Policy with respect to priority areas. (25)
2. Mention the current level of leprosy in India and discuss the strategies to eliminate leprosy. Add a note on the organisation of rehabilitation services for leprosy patients. (5 + 15 + 5)

Write briefly on :

(5 × 10 = 50)

- (a) Health Systems Research
 - (b) Objectives and inputs for Re-orientation of Medical Education Scheme
 - (c) Magnitude and management of drug resistance in malaria
 - (d) Recent trials in reducing filariasis worm load in the community
 - (e) Evaluation as a step in health planning cycle.
-

[KE 186]

Sub. Code : 2090

M.D. DEGREE EXAMINATION.

(All Regulations)

Community Medicine

Part II

Paper III — HEALTH PRACTICE AND
ADMINISTRATION

Time : Three hours

Maximum : 100 marks

1. Critically evaluate pulse polio programme in India. (25)
 2. National health planning in India is not on the right track - Comment. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) PERT.
 - (b) 3-tier system of health care.
 - (c) Model public health act.
 - (d) Holistic approach in health care.
 - (e) Village health guide scheme.
-

March-2002

[KG 186]

Sub. Code : 2090

M.D. DEGREE EXAMINATION.

(Old/New/Revised Regulations)

Branch XV — Community Medicine

Part II

Paper III — HEALTH PRACTICE AND
ADMINISTRATION

Time : Three hours, —Maximum : 100 marks

Answer ALL questions.

1. Describe health care delivery system in India.
Discuss critically their indicators. (25)
 2. Enumerate public health acts in India? Discuss
any one of them with suitable examples. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Three-tier system of Health Care delivery.
 - (b) Brain drain in health care delivery system.
 - (c) Role of primary health care in AIDS control.
 - (d) Re orientation of Medical Education.
 - (e) Network Analysis.
-

September-2002

[KH 186]

Sub. Code : 2090

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch XV — Community Medicine

Part II

Paper III — HEALTH PRACTICE AND
ADMINISTRATION

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. What is meant by intersectoral approach in health care? Discuss in detail the importance of intersectoral approach in health administration. (25)
 2. Critically review the health economics of National Family Welfare programme in India. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Alma-Ata declaration
 - (b) Role of DANIDA in health care of India
 - (c) Factories Act
 - (d) National Nutrition Monitoring Bureau
 - (e) Traditional medicine.
-

April-2003

[KI 186]

Sub. Code : 2090

M.D. DEGREE EXAMINATION.

(All Regulations)

Branch XV — Community Medicine

Part II

Paper III — HEALTH PRACTICE AND
ADMINISTRATION

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe in detail the Revised National Tuberculosis Control Programme and how it is implemented. Discuss if this would help to reduce the problem of drug resistant tuberculosis. (25)
 2. What is Primary Health Care concept? Critically review to what extent Primary Health care as a strategy achieved Health for all by 2000 A.D. Discuss the relevance and role of Primary Health care after 2000 A.D. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Community Health centre
 - (b) Prevention of Food Adulteration Act and implementation
 - (c) Costing in Health economics
 - (d) International health regulations
 - (e) Participatory research.
-

[KJ 186]

Sub. Code : 2090

M.D. DEGREE EXAMINATION.

(All Regulations)

Branch XV — Community Medicine

Part II

Paper III — HEALTH PRACTICE AND
ADMINISTRATION

Time : Three hours.

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : 20 marks

M.C.Q. : Twenty minutes

M.C.Q. must be answered **SEPARATELY** on the
answer sheet provided as per the instructions on
the first page of M.C.Q. Booklet.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Essays :

(2 × 15 = 30)

1. Discuss the role of voluntary health organizations in primary health care services to the community.
2. Discuss the role of paramedical workers in health care delivery system in India.

3. Write short notes on :

(10 × 5 = 50)

- (1) Evaluation of health services.
- (2) Central health council.
- (3) Health economics.
- (4) Network analysis.
- (5) ABC and VED analysis in material management.
- (6) Global targets for health for all in the 21st century.
- (7) Socio-economic indicators of health care.
- (8) Activities of Rockefeller foundation in India.
- (9) Medical audit.
- (10) Operational research.

[KL 186]

Sub. Code : 2090

M. D. DEGREE EXAMINATION,

(All Regulations)

Branch XV — Community Medicine

Part II

**Paper III — HEALTH PRACTICE AND
ADMINISTRATION**

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Write an Essay on : (2 × 15 = 30)

(1) What is Health Planning? Illustrate the steps in the planning with suitable examples.

(2) Enumerate National Health Programmes. Discuss briefly the National Family Welfare programme in India.

II. Write short notes on : (10 × 5 = 50)

(a) Elements in the work of World Health Organization (WHO).

(b) U.N.I.C.E.F. (United Nations International Children's Emergency Fund).

(c) Record Linkage.

(d) Critical pathway Analysis.

(e) Community Health Worker.

(f) Minimum Needs programme.

(g) Appropriate Technology.

(h) Bhoré-Committee.

(i) Japanese Encephalitis.

(j) National AIDS Control Policy.

[KM 186]

Sub. Code : 2090

M.D. DEGREE EXAMINATION.

(All Regulations)

Branch XV — Community Medicine

Part II

Paper III — HEALTH PRACTICE AND
ADMINISTRATION

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

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

Answer ALL questions.

I. Essay : (2 × 15 = 30)

(1) Salient features of the Bhole Committee
Report. (15)

(2) Integration and role of traditional systems of
medicine in health care. (15)

II. Short notes : (10 × 5 = 50)

- (a) Malaria Action Plan.
- (b) Programme Evaluation and Review
Technique (PERT).
- (c) Training component for a Dai.
- (d) Pulse polio immunisation in India.
- (e) Functions of a primary health center (PHC).
- (f) National Health Policy.
- (g) Community participation in health care.
- (h) Role of WHO in health care.
- (i) Village Health Guide.
- (j) Role of voluntary health organisations.

[KO 186]

Sub. Code : 2090

M.D. DEGREE EXAMINATION.

Branch XV — Community Medicine

Paper III — HEALTH PRACTICE AND
ADMINISTRATION

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

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

Answer ALL questions.

I. Essay : (2 × 15 = 30)

- (1) Three tier system of Health Care.
- (2) Reproductive and Child Health Programme.

II. Write short notes on : (10 × 5 = 50)

- (a) Principles of Primary Health Care.
- (b) Planning Cycle.
- (c) Role of WHO in the field of Biomedical Research.
- (d) Network analysis

(e) Factors responsible for the resurgence of Malaria.

(f) DOTS strategy.

(g) SET Centre.

(h) Prevention of Food Adulteration Act.

(i) Acute Flaccid paralysis surveillance.

(j) UNICEF – its role in child survival.

[KP 186]

Sub. Code : 2090

M.D. DEGREE EXAMINATION.

Branch XV — Community Medicine — Part II

Paper III — HEALTH PRACTICE AND
ADMINISTRATION

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

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

Answer ALL questions.

- I. Essay :
 1. Health planning in India. (20)
 2. National programme for control of Blindness. (15)
 3. Role of voluntary health agencies. (15)
- II. Write short notes on : (6 × 5 = 30)
 - (a) Elements of Primary Health Care.
 - (b) Consumer Protection Act.
 - (c) Management by objectives.

(d) United Nations Fund for Population
Activities.

(e) Operational research in Health Sciences.

(f) National Health Policy 2002.

[KQ 161]

Sub. Code : 2090

M.D. DEGREE EXAMINATION.

Branch XV — Community Medicine

Paper IV — HEALTH, PRACTICE AND
ADMINISTRATION AND RECENT ADVANCES

(for candidates admitted from 2004–2005 onwards)

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

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

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

(1) Define evaluation. What are the different types of evaluation? Describe in detail the steps you would adopt in evaluation of a programme aimed at achieving 100% sanitation in a rural district.

(2 + 8 + 10 = 20)

(2) Classify costs in health care. Explain the importance of budgeting. Discuss the various techniques used in budgeting.

(5 + 5 + 5 = 15)

(3) Discuss the evolution of National Malaria Control Programme in India.

(15)

II. Write short notes on :

(6 × 5 = 30)

- (a) Inventory management of materials.
- (b) Cost effectiveness analysis.
- (c) Recent changes incorporated in RNTCP.
- (d) Gantt chart.
- (e) Top down versus bottom up planning.
- (f) Participatory rural appraisal.

MARCH 2008

[KS 160]

Sub. Code : 2055

M.D. DEGREE EXAMINATION.

Branch XV — Community Medicine

Paper IV — HEALTH, PRACTICE AND ADMINISTRATION AND
RECENT ADVANCES

(for candidates admitted from 2004–2005 onwards)

Q.P. Code : 202055

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

- I. Essay : (2 × 20 = 40)
- (1) Describe the Integrated Disease Surveillance Programme in India.
 - (2) Describe the organization and functions of Directorate General of Health Services.
- II. Write short notes on : (10 × 6 = 60)
- (1) Malaria Vaccines.
 - (2) Central Government Health Scheme.
 - (3) Structure of World Health Organization.
 - (4) Village Health Guide.
 - (5) Elements of evaluation.
 - (6) Recommendations of Kartar Singh Committee 1973.
 - (7) Cost benefit analysis.
 - (8) Steps of planning cycle.
 - (9) Minimum Needs Programme.
 - (10) Tenth Five Year Plan goals for Leprosy elimination.
-

September 2008

[KT 160]

Sub. Code: 2055

M.D. DEGREE EXAMINATION

Branch XV – Community Medicine

**Paper IV – HEALTH, PRACTICE AND
ADMINISTRATION AND RECENT
ADVANCES**

(For candidates admitted from 2004-2005 onwards)

Q.P. Code : 202055

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 X 20 = 40)

1. Discuss the strategies for polio eradication in India.
2. Describe the health care delivery in India at the village and sub-centre levels.

II. Write short notes on :

(10 X 6 = 60)

1. Current strategy of filariasis control in India.
 2. Comprehensive emergency obstetric and new born care.
 3. Prenatal Diagnostic Techniques act, 1994.
 4. New initiatives in maternal health.
 5. Critical path method.
 6. National cancer control programme.
 7. Recommendations of health survey and planning committee.
 8. Functions of voluntary health agencies.
 9. Work of world health organization.
 10. National Health Policy 2002.
-

March 2009

[KU 160]

Sub. Code: 2055

M.D. DEGREE EXAMINATION

Branch XV – COMMUNITY MEDICINE
(For candidates admitted from 2004-2005 to 2007-2008)

Paper IV – HEALTH PRACTICE AND ADMINISTRATION
AND RECENT ADVANCES

Q.P. Code : 202055

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary

Answer ALL questions

I. Essay questions : **(2 x 20 = 40)**

1. Development of health care system in India is result of recommendations of expert groups.
Briefly outline the recommendations of committee reports which helped to shape current India's Health Policy.
2. What is management information system? Design a MIS programme for your district.

II. Write short notes on : **(10 x 6 = 60)**

1. Bio medical research.
2. 108 Ambulance services.
3. Ambulatory services in community health centre.
4. Resources to meet health needs.
5. Elements of primary health care.
6. Indian council for child welfare.
7. Pre-placement and periodical examinations.
8. Network analysis.
9. Health sector planning.
10. Evaluation of health services in National Health Programmes.

September 2009

[KV 160]

Sub. Code: 2055

M.D. DEGREE EXAMINATION

Branch XV – COMMUNITY MEDICINE
(For candidates admitted from 2004-2005 to 2007-2008)

Paper IV – HEALTH PRACTICE AND ADMINISTRATION
AND RECENT ADVANCES

Q.P. Code : 202055

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary

Answer ALL questions

I. Essay questions : **(2 x 20 = 40)**

1. Describe various approaches and principles of health education and discuss limitations in its practices.
2. Explain the guidelines for health planning in India. Write about details of health committee reports.

II. Write short notes on : **(10 x 6 = 60)**

1. Health Insurance as an alternative for health financing.
2. Details regarding primary health care in a rural community.
3. Blood safety measures.
4. Strategies adopted in national leprosy eradication programme.
5. Minimum needs programme.
6. Disaster preparedness.
7. International health regulations.
8. Concept of family medicine.
9. Outline the activities of “UNICEF”.
10. Brain storming.

March 2010

[KW 160]

Sub. Code: 2055

M.D. DEGREE EXAMINATION

Branch XV – COMMUNITY MEDICINE

**Paper IV – (for candidates admitted from 2004-05 to 2007-08) and
Part II /Paper III – (for candidates admitted from 2008-09 onwards)**

**HEALTH PRACTICE AND ADMINISTRATION
AND RECENT ADVANCES**

Q.P. Code : 202055

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary

Answer ALL questions

I. Essay questions :

(2 x 20 = 40)

1. Define evaluation. What are different types of evaluations and describe in detail the steps you would undertake in evaluation of programme aimed at 100% institutional deliveries in a district.
2. Describe in detail the features of draft of revised National Health Policy.

II. Write short notes on :

(10 x 6 = 60)

1. Network analysis.
2. PNNDT act.
3. AYUSH in healthcare systems.
4. Assessment of health care needs in a community.
5. Non Governmental agencies in healthcare.
6. 'FOCUS' – in ICDS. (Focus on child under six).
7. Strategies of RCH II phase. (Reproductive child health).
8. Current status of disease surveillance network.
9. Medical ethics.
10. Population genetics.

September 2010

[KX 160]

Sub. Code: 2055

M.D. DEGREE EXAMINATION

Branch XV – Community Medicine

**HEALTH PRACTICE AND ADMINISTRATION
AND RECENT ADVANCES**

**Paper IV – (for candidates admitted from 2004-05 to 2007-08) and
Part II – Paper III (for candidates admitted from 2008-09 onwards)**

Q.P. Code : 202055

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 X 20 = 40)

1. Discuss the importance of behavioural sciences in Health Administration and Management.
2. Describe briefly the national AIDS control programme. What is the role played by WHO in implementing international efforts?

II. Write short notes on :

(10 X 6 = 60)

1. Health Team Concept.
2. Research Methodology in health.
3. Ethical and legal problems in AIDS.
4. Control of Drugs Standards.
5. Quarantine.
6. International Health Regulation.
7. “UNICEF”.
8. Swine Flu.
9. Medical Audit.
10. National Health Policy.

MAY 2011

[KY 160]

Sub. Code: 2055

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
HEALTH PRACTICE AND ADMINISTRATION
AND RECENT ADVANCES

Q.P. Code : 202055

Time : 3 hours
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

Pages Time Marks
(Max.) (Max.) (Max.)

- | | | | |
|--|----|----|----|
| 1. Enumerate the national programmes for Non-communicable disease in India and discuss briefly the initiatives taken by the government under each programme. | 11 | 35 | 15 |
| 2. Discuss the role of Paramedical workers in health care delivery system in India. | 11 | 35 | 15 |

II. Write notes on :

- | | | | |
|---|---|----|---|
| 1. Cost Benefit and cost effectiveness. | 4 | 10 | 7 |
| 2. Operational research. | 4 | 10 | 7 |
| 3. Vision 2020. | 4 | 10 | 7 |
| 4. Shrivastav Committee and its recommendations. | 4 | 10 | 7 |
| 5. Zero based budgeting. | 4 | 10 | 7 |
| 6. Consumer protection act. | 4 | 10 | 7 |
| 7. Role of Indian system of Medicine in health. | 4 | 10 | 7 |
| 8. ABC and VED analysis in material management. | 4 | 10 | 7 |
| 9. Principles of Primary Health Care. | 4 | 10 | 7 |
| 10. Role of W.H.O. in communicable disease control. | 4 | 10 | 7 |

October 2011

[KZ 160]

Sub. Code: 2055

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE

HEALTH PRACTICE AND ADMINISTRATION AND RECENT ADVANCES

Q.P. Code : 202055

Time : 3 hours
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

Pages Time Marks
(Max.) (Max.) (Max.)

- | | | | |
|---|----|----|----|
| 1. What is health economics? What are the characteristic of health markets? How do you evaluate the issues of health economics? | 11 | 35 | 15 |
| 2. Describe the role and scope of bilateral agencies in health sector. | 11 | 35 | 15 |

II. Write notes on :

- | | | | |
|---|---|----|---|
| 1. Health insurance. | 4 | 10 | 7 |
| 2. Consumer protection act. | 4 | 10 | 7 |
| 3. Operational research. | 4 | 10 | 7 |
| 4. Shrivastav committee. | 4 | 10 | 7 |
| 5. Social intervention model of health education. | 4 | 10 | 7 |
| 6. Zero base budgeting. | 4 | 10 | 7 |
| 7. Tenth five year plan. | 4 | 10 | 7 |
| 8. National population policy. | 4 | 10 | 7 |
| 9. Disaster mitigation. | 4 | 10 | 7 |
| 10. Village health volunteer. | 4 | 10 | 7 |

APRIL 2012

[LA 160]

Sub. Code: 2055

**M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
HEALTH PRACTICE AND ADMINISTRATION
AND RECENT ADVANCES
Q.P. Code : 202055**

Time : 3 hours(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :	Pages (Max.)	Time (Max.)	Marks (Max.)
1. “Tamil Nadu Public Health Act” – Discuss its relevance in the modern health environment.	16	35	15
2. Contribution of World Health Organization to the health of India.	16	35	15
II. Write notes on :			
1. Discuss the organizational design that is ideal for health care.	4	10	7
2. Discounting factor analysis in health economics.	4	10	7
3. Principles to be followed in recruiting personal for the job of Health Inspector.	4	10	7
4. Systems Analysis.	4	10	7
5. Urban Health Care-the current challenges and solutions.	4	10	7
6. National Program for control of blindness.	4	10	7
7. Legal measures to control health impact of air pollution.	4	10	7
8. Millennium Development Goals-Where does India stand?	4	10	7
9. Role of mother NGO’s(Not for profit organization)	4	10	7
10. Health regulations for International travel.	4	10	7

[LB160]

OCTOBER 2012

Sub code:2055

**MD DEGREE `EXAMINATION
BRANCHXV-COMMUNITY MEDICINE**

Health Practice and Administration and Recent advances

Q.P.CODE:202055

**Time:3 hrs.
(180 min.)**

Maximun:100 marks

Answer all questions in the same order

	Pages (max)	Time (max)	Marks (max)
I Elaborate on			
1. Discuss in detail about RCH-Phase II Programmes	16	35	15
2. Discuss the health problems of urban slum people in India. Enumerate the programmes for control of various health problems in the urban slum population	16	35	15
II. Write notes on			
1. First Referral units	4	10	7
2. Role of ASHA	4	10	7
3. Indigenous systems of Medicine	4	10	7
4. Functions of Indian Red Cross Society cc	4	10	7
5. Management by Objectives.	4	10	7
6. Role of network analysis in public health	4	10	7
7. AFP Surveillance	4	10	7
8. Recent advances in contraceptives	4	10	7
9. Human Genome Project	4	10	7
10. Health Care Package	4	10	7

(LC 160)

APRIL 2013

Sub code:2055

**M.D. DEGREE EXAMINATION
BRANCH XV-COMMUNITY MEDICINE
HEALTH PRACTICE AND ADMINISTRATION AND RECENT
ADVANCES
Q.P.CODE:202055**

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. Enumerate the referral system plan for DPMR(Disability Prevention and Medical Rehabilitation)activities under NLEP.
2. Discuss the assured services to be provided by Community health centres as per the Indian public health standards.

II. Write notes on:

(10X7=70)

1. Health economics
2. National Health policy goals to be achieved by 2015.
3. Job functions of female health worker
4. Health related millennium development goals in India.
5. Explain the WHO Theme for the year 2011.
6. Role of World Bank in the implementation of various health programmes.
7. Health planning cycle
8. Health hazards of health care wastes
9. Relief measures to be carried out after an earthquake.
10. Role of Zinc supplementation in acute diarrhoea

[LD 160]

OCTOBER 2013

Sub. Code: 2055

M.D. DEGREE EXAMINATION

BRANCH XV – COMMUNITY MEDICINE

HEALTH PRACTICE AND ADMINISTRATION AND RECENT ADVANCES

Q.P. Code : 202055

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the principles, strategies and components of health care delivery to a community.
2. Tsunami has hit the coast. Enumerate the short term effects of the disaster. As a leader of the disaster management team at the public health department how will plan to manage the disaster?

II. Write notes on:

(10 x 7 = 70)

1. Principles of health manpower planning.
2. Objectives of school health programme.
3. Recent major initiatives in Leprosy control.
4. Social defense.
5. DOTs-plus.
6. Community participation for health sectors.
7. Revised strategies in blindness control programme.
8. IMNCL.
9. Indian Public Health Standards.
10. Rajiv Gandhi National Drinking Water Mission.

[LE 160]

APRIL 2014

Sub. Code: 2055

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
HEALTH PRACTICE AND ADMINISTRATION AND RECENT
ADVANCES
Q.P. Code :202055

Time : Three Hours

Maximum : 100 marks

I. Elaborate on:

(2X15=30)

1. What are the various types of programme evaluation? Discuss a plan to evaluate a proposed community education intervention programme.
2. Enumerate and discuss the salient features of programmes to supply safe drinking water to urban and rural population in India.

II. Write notes on:

(10X7=70)

1. Disability prevention and medical rehabilitation in Leprosy.
2. Blood safety programme under National Aids Control Programme.
3. Social security schemes for workers.
4. Janani Suraksha Yojana.
5. Bio-medical waste disposal.
6. Net-work analysis.
7. Ergonomics.
8. Village health and sanitation committee.
9. RNTCP phase II.
10. Parameters of malaria surveillance.

[LF 160]

OCTOBER 2014

Sub. Code: 2055

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER IV - HEALTH PRACTICE AND ADMINISTRATION AND
RECENT ADVANCES

Q.P. Code : 202055

Time : Three Hours

Maximum : 100 marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe the process of prioritization in health care. What priorities would you recommend for India 2020?
2. Discuss the importance of Multi sectoral coordination in primary health care.

II. Write notes on:

(10 x 7 = 70)

1. Public private partnership.
2. SWOT Analysis.
3. National council for health.
4. Planning cycle.
5. Community based Health insurance.
6. Corporate social Responsibility.
7. Health sector Reforms in India.
8. WHO Theme 2015.
9. Span of Control.
10. Microfinancing in Health.

[LG 160]

APRIL 2015

Sub. Code: 2055

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER IV – HEALTH PRACTICE AND ADMINISTRATION
AND RECENT ADVANCES

Q.P. Code : 202055

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 15 = 30)

1. Describe and discuss the problems and challenges faced in the delivery of primary health care in India.
2. Discuss the package services of National AIDS Control Programme-IV with SWOT Analysis.

II. Write notes on:

(10 x 7 = 70)

1. Scalar principle.
2. Replacement model.
3. Concept of Rolling plan.
4. Vaccination for international Travellers.
5. Health services Research.
6. Bio Terrorism.
7. Essential Drugs concept.
8. Global positioning system (GPS) and Health.
9. Population genetics.
10. Personnel management.

[LH 160]

OCTOBER 2015

Sub. Code: 2055

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER IV – HEALTH PRACTICE AND ADMINISTRATION
AND RECENT ADVANCES

Q.P. Code : 202055

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 15 = 30)

1. Distinguish between Management and Administration. Discuss the Management functions in a primary health centre.
2. Trace the events which ultimately led to certain diseases being subjected to International Health Regulations. How do International Health Regulations operate when planes and ships from yellow fever areas are to land in Indian ports?

II. Write notes on:

(10 x 7 = 70)

1. Alternative health financing options.
2. Urban health care.
3. Instruction for Travellers from India to Polio – Endemic countries.
4. Bare foot doctors.
5. Effective communication.
6. Differences between cost Effective and cost Benefit Analysis.
7. General Practice in Rural India.
8. Radiation disasters.
9. WHO Activities in India
10. Consumer protection Act.

[LI 160]

APRIL 2016

Sub. Code: 2055

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER IV – HEALTH PRACTICE AND ADMINISTRATION AND
RECENT ADVANCES

Q.P. Code :202055

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Evaluate National Nutritional Anaemia Prophylaxis Programme.
2. Discuss the plan of action to achieve the Millennium Development Goals effectively.

II. Write notes on:

(10 x 7 = 70)

1. Cost accounting.
2. Queuing theory.
3. UNICEF.
4. NITI Aayog.
5. Self Help Group.
6. Appropriate technology in health care.
7. Urban health in global perspectives.
8. Gene therapy.
9. Prevention of Food Adulteration Act.
10. Methods of evaluation.

[LJ 160]

OCTOBER 2016

Sub. Code: 2055

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER IV – HEALTH PRACTICE AND ADMINISTRATION AND
RECENT ADVANCES

Q.P. Code :202055

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe the Reproductive, Maternal, Newborn, Child and Adolescent Health (RMNCH+A) strategy in India.
2. Describe the organization and functions of Directorate General of Health Services in India.

II. Write notes on:

(10 x 7 = 70)

1. Urban Social Health Activist.
2. Network analysis.
3. Shrivatsav Committee and its recommendations.
4. Medical Termination of Pregnancy Act.
5. Planning cycle.
6. Village Health and Sanitation Committee.
7. Intersectoral coordination.
8. Food and Agriculture Organisation (FAO).
9. Panchayati Raj.
10. Universal Health Coverage in India.

[LK 160]

MAY 2017

Sub. Code: 2055

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER IV – HEALTH PRACTICE AND ADMINISTRATION AND
RECENT ADVANCES

Q.P. Code :202055

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Define disaster. Enumerate the different types of disasters and their management in the disaster cycle.
2. Evaluate National Health Mission.

II. Write notes on:

(10 x 7 = 70)

1. Zero based budget.
2. Operational research.
3. World Bank.
4. Medical council of India Act.
5. ASHA.
6. Write briefly on Irrational use of drugs.
7. Global hunger index.
8. DNA Technology.
9. Health Insurance in Tamil Nadu.
10. Red Ribbon Club.

[LL 160]

OCTOBER 2017

Sub. Code: 2055

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER IV – HEALTH PRACTICE AND ADMINISTRATION AND
RECENT ADVANCES

Q.P. Code :202055

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the role of Paramedical workers in health care delivery system in India.
2. Describe how you would undertake the evaluation of Revised National Tuberculosis Control Programme in a district?

II. Write notes on:

(10 x 7 = 70)

1. Sustainable Development Goals.
2. Bhore Committee and its recommendations.
3. Work sampling.
4. Central Council of Health.
5. Child Labour Act.
6. Role of voluntary health agencies in India.
7. Structure of World Health Organization.
8. First Referral Unit.
9. Outcome Indicators for Twelfth Five Year Plan regarding health.
10. Health Insurance.

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER IV – HEALTH PRACTICE AND ADMINISTRATION AND
RECENT ADVANCES

Q.P. Code :202055

Time : Three Hours

Maximum : 100 Marks

I. Essay: **(2 x 15 = 30)**

1. Describe the organizational structure for malaria control in the National Vector borne disease control programme.
Explain the strategies in the National Framework for Malaria Elimination in India (2016 – 2030).
2. Explain the principles of primary health care.
Discuss the role of voluntary health agencies in providing health care services to the people.

II. Short notes: **(10 x 5 = 50)**

1. Management by objectives.
2. Indian Public Health Standards for primary health centres regarding National AIDS Control Programme.
3. Health team concept.
4. Village health sanitation and nutrition committee.
5. Food Safety and Standards Act.
6. United Nations Children's Fund (UNICEF).
7. Urban primary health centre.
8. Kartar Singh Committee.
9. NITI Aayog.
10. Swachh Bharat Mission.

III. Reasoning Out: **(4 x 5 = 20)**

1. Explain the role of Weekly Iron and Folic Acid Supplementation programme in reducing the prevalence of anaemia among adolescents
2. Explain the role of Medical Termination of Pregnancy Act in reducing maternal morbidity and mortality
3. Explain the role of bilateral agencies in improving health care services.
4. Explain the role of World Health organization in prevention and control of communicable diseases.

M.D. DEGREE EXAMINATION
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RECENT ADVANCES

Q.P. Code: 202055

Time : Three Hours

Maximum : 100 Marks

I. Essay: **(2 x 15 = 30)**

1. Define reproductive and child health approach.
Explain the Reproductive, Maternal, Newborn, Child and Adolescent Health (RMNCH+A) strategy in India.
2. What is pre-planning?
Explain briefly the National Health Policy 2017.

II. Short notes: **(10 x 5 = 50)**

1. Systems analysis.
2. Indigenous systems of health care in India.
3. Food and Agriculture Organization (FAO).
4. Shrivastav Committee.
5. Medical audit.
6. Consumer Protection Act.
7. ABC and VED analysis in inventory control.
8. Health manpower planning in India.
9. Urban Social Health Activist.
10. Appropriate technology.

III. Reasoning Out: **(4 x 5 = 20)**

1. Explain the differences between cost-benefit analysis and cost-effectiveness analysis.
2. Explain the role of United Nations Children's Fund (UNICEF) in improving child health and child nutrition in India.
3. Describe the role of primary health centre in National AIDS Control Programme as per the Indian Public Health Standards.
4. Explain how voluntary health agencies can supplement the work of government agencies in providing health care services to the people?

M.D. DEGREE EXAMINATION

BRANCH XV – COMMUNITY MEDICINE

**PAPER IV – HEALTH PRACTICE AND ADMINISTRATION AND
RECENT ADVANCES**

Q.P. Code: 202055

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. Describe the process and the indicators for evaluating the immunization program of a Primary Health Centre.
2. List the Community based nutrition interventions in India. Discuss the advantages of each and the challenges in the implementation.

II. Short notes:

(10 x 5 = 50)

1. United Nations Development Programme in Health care.
2. Globalization and its consequences on health in India.
3. Registration of vital events in India.
4. Cost effectiveness analysis in an intervention.
5. Importance of 'Network analysis' in planning health programmes.
6. Sources of health financing in India and ways to increase resources.
7. Biomedical waste management rules, 2016.
8. Various aspects of 'research misconduct'.
9. Rapid detection of Mycobacterium tuberculosis and drug resistance.
10. Criteria for Prioritizing health needs.

III. Reasoning Out:

(4 x 5 = 20)

1. Discuss the essential information needed for planning a new health programme.
2. Public health importance of advances in molecular genetics.
3. Universal health coverage – advantages and difficulties in implementation.
4. Role of public private partnership in promoting health.

M.D. DEGREE EXAMINATION**BRANCH XV – COMMUNITY MEDICINE****PAPER IV – HEALTH PRACTICE AND ADMINISTRATION AND
RECENT ADVANCES***Q.P. Code: 202055***Time : Three Hours****Maximum : 100 Marks****I. Essay:****(2 x 15 = 30)**

1. Human organ donation Act. Discuss the need, components, implementation and regulating authority for the act.
2. Enlist the services offered at the Primary Health Centre explaining the financial inputs given by National Health Mission for its effective delivery.

II. Short notes:**(10 x 5 = 50)**

1. Briefly explain the levels of healthcare and discuss the distribution of trained manpower across the three levels against the need in India.
2. Discuss the National Health Policy 2017 guidelines for indigenous system of medicine.
3. Discuss the components of 'stock management' of drugs and vaccines at Primary Health Centre.
4. Discuss the performance indicators that has to be reported monthly at the sub-centre level.
5. Discuss the authority and responsibilities divisions of the healthcare administration at the central health system.
6. How is the functioning of non-profit organisation monitored?
7. Discuss the criteria for considering a 'Public Health Emergency of International Concern' as per international health regulations 2005.
8. What are the criteria used to stratify society and discuss its utility?
9. What is a 'flip class'? Discuss its advantages and limitations.
10. Discuss the opportunities and threats subsequent to the easy availability of software for statistical analysis on research output.

III. Reasoning Out:**(4 x 5 = 20)**

1. When 70% of health is driven by social factors, discuss why healthcare solutions funding is hundred percent clinical?
2. Role of United Nations Development Programme in healthcare.
3. Insurance is 'pooled risk management' based on individual risk profiles. Discuss the challenges of providing cover under Ayushman Bharat through uniform weights.
4. Compare and contrast traditional, zero-based and programme planning and budgeting systems.

[LQ 160]

AUGUST 2020
(MAY 2020 SESSION)

Sub. Code: 2055

M.D. DEGREE EXAMINATION

BRANCH XV – COMMUNITY MEDICINE

**PAPER IV – HEALTH PRACTICE AND ADMINISTRATION AND
RECENT ADVANCES**

Q.P. Code: 202055

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. COVID-19 poses threats to human security and health systems - Explain.
2. Health in 12th five year plan - Discuss

II. Short notes:

(10 x 5 = 50)

1. What is Evidence based medicine? Discuss various tools used in Evidence based medicine.
2. Bangkok charter for health promotion
3. Brain drain in health care delivery system
4. How will you study statistical fallacies in an article?
5. Evolve a strategy for strengthening of epidemiological cell at district level.
6. Medical tourism
7. Span of control
8. Brainstorming
9. Theory of planned behavior
10. Behaviour Change Communication Process (BCC)

III. Reasoning Out:

(4 x 5 = 20)

1. Use of IT in surveillance activity. Explain.
2. Cost effective analysis vs Cost Benefit Analysis.
3. Public Private Partnership in Maternal and Child Health Care – Boon or Bane?
4. Health care delivery services among migrants – Challenges.

[LS 160]

NOVEMBER 2020
(OCTOBER 2020 SESSION)

Sub. Code: 2055

M.D. DEGREE EXAMINATION

BRANCH XV – COMMUNITY MEDICINE

**PAPER IV – HEALTH PRACTICE AND ADMINISTRATION AND
RECENT ADVANCES**

Q.P. Code: 202055

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. Describe in detail the management information system and its importance in public health.
2. Critically comment on competency based training for undergraduates

II. Short notes:

(10 x 5 = 50)

1. Social Marketing
2. Queing theory
3. BRACE framework on Climate Change
4. Acts regulating Child Adoption
5. Micro teaching
6. Survival analysis
7. Swajaldhara
8. Bioterrorism
9. Role of national and international voluntary agencies in rehabilitation of leprosy
10. Salient features of national health policy concerning indigenous systems of medicine

III. Reasoning Out:

(4 x 5 = 20)

1. Need for National Health Mission
2. Global Hunger Index and SDGs.
3. Cost accounting analysis vs Cost Benefit Analysis.
4. Grass root level workers minimize the burden in secondary and tertiary centres – Explain

[MD 0721]

JULY 2021
(MAY 2021 SESSION)

Sub. Code: 2055

M.D. DEGREE EXAMINATION

BRANCH XV – COMMUNITY MEDICINE

**PAPER IV – HEALTH PRACTICE AND ADMINISTRATION AND
RECENT ADVANCES**

Q.P. Code: 202055

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. Write in details the steps in evaluating a health program. List the key indicators to evaluate the 'process' and 'outcome' of antenatal care given in a primary health centre.
2. There is a maternal death in a district. As an external agent for the death audit, enlist all the health care workers who can be investigated for 'negligence' taking into account their job functions?

II. Short notes:

(10 x 5 = 50)

1. Write briefly on 'International Health Regulations'.
2. Write briefly how 'cost minimization analysis' is done.
3. Explain the 'ABC-VED approach' in Drug inventory management.
4. List the activities of Red Cross Society in India.
5. List the Social security benefits under ESI Act.
6. Discuss the role of social marketing in family planning.
7. Explain how social environment can affect the health of individuals?
8. List the barriers in effective communication and the ways to overcome those barriers.
9. List the uses of Gantt chart while planning and implementing programs.
10. Discuss the advantages of calculating 'Quality Adjusted Life Years' while conducting economic evaluation of health programs.

III. Reasoning Out:

(4 x 5 = 20)

1. Discuss the advantages of 'Syndromic surveillance system' in disease control.
2. Discuss the rationale for community needs assessment before planning a program.
3. List few process and outcome indicators for monitoring services for diabetic care in a community.
4. Describe the structure of multiple choice questions (MCQ) and mention the advantages and disadvantages of MCQ in measuring student learning.

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[MD 0522]

MAY 2022

Sub. Code: 2055

**M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE**

**PAPER IV – HEALTH PRACTICE AND ADMINISTRATION AND
RECENT ADVANCES**

Q.P. Code: 202055

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. Discuss the issue of using “Mid-level Health Workers” for providing health care – advantages, limitations and recommended strategy to overcome the limitations.
2. For implementing the NPCDCS program, you need to purchase 40 auto analyzers for the district. Describe in detail the process of purchase and their functional maintenance through good stock management.

II. Short notes:

(10 x 5 = 50)

1. Differentiate Knowledge, skill and competency with an example, giving methodology for achieving each.
2. Powers vested with health authorities at air and sea ports towards control of diseases as per International Health Regulations, 2005.
3. Role of International Labour Organisation in ensuring occupational health.
4. Registration and monitoring of Not-for-profit organisations in India.
5. Discuss socio-cultural factors relating to new born care as harmful, innocuous and helpful Practices.
6. Discuss the Juvenile Justice Act, 2015, with scope, control and implementation relating to Child Adoption.
7. National Health Policy, 2017 – Discuss the guidelines relating to Health Management Information and its current implementation status in Tamil Nadu.
8. Discuss challenges in using Cost Utility Analysis.
9. Describe communitisation as a strategy for monitoring National Health Mission services by the community.
10. Consider the technologies available for early diagnosis and management of **DISABILITY** in the elderly. How would you evaluate each to be accepted as appropriate technology in a primary health care setting?

III. Reasoning Out:

(4 x 5 = 20)

1. Compare the change accompanying the transition from primary care approach to the current strategy of health system reform as a way of achieving healthy community.
2. Attitudes towards health, disease and health care – Discuss the importance and method of measuring it in a region before introducing Behaviour Change Communication material for COVID 19 prevention
3. Discuss issues relating to Program Planning Budgeting System.
4. Discuss the advantages and rationale for including bedoqiline in treatment of Tuberculosis.

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[MD 1022]

OCTOBER 2022

Sub. Code: 2055

M.D. DEGREE EXAMINATION

BRANCH XV – COMMUNITY MEDICINE

**PAPER IV – HEALTH PRACTICE AND ADMINISTRATION AND
RECENT ADVANCES**

Q.P. Code: 202055

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. Give a detail note on lessons learnt in the Covid 19 pandemic with regards to control of an emerging infectious disease in a public health perspective. How will you plan and conduct an economic evaluation of the impact of the pandemic on the health sector?
2. As a member of Health Policy making team, develop a policy document to stop brain drain of health sector in India.

II. Short notes:

(10 x 5 = 50)

1. Write a note on Rational use of Drugs and Antimicrobial Resistance.
2. Principles of Group Dynamics.
3. Impact of Domestic violence on health.
4. Survey methods in public health.
5. Competency Based Medical Education.
6. Advocacy communication and social mobilization.
7. Role of IT applications in health promotion and disease prevention.
8. Rapid Response Team.
9. Central Drug Standard Organization.
10. Using social marketing principles for health education.

III. Reasoning Out:

(4 x 5 = 20)

1. Management by objectives Vs Management by Exception.
2. Systematic Review vs narrator review.
3. Power point vs Black board teaching.
4. Public Private Partnership - Boon or Bane.

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[MD 0723]

**JULY 2023
(MAY 2023 EXAM SESSION)**

Sub. Code: 2055

**M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER IV – HEALTH PRACTICE AND ADMINISTRATION AND
RECENT ADVANCES**

Q.P. Code: 202055

Time : Three Hours

Maximum : 100 Marks

I. Essay: (2 x 15 = 30)

1. Discuss the Existing Health Care System in TN for reaching the workers of the Textile Industry and its challenges.
2. Ayushman Bharat – Discuss the vision and its implementation.

II. Short notes: (10 x 5 = 50)

1. Boosting the immune system with vaccination Discuss the transition from the past to the present.
2. Rapid Diagnostic Test – discuss the pivotal role it plays in the management of malaria.
3. Discuss the intersectoral coordination currently functional for providing Optimal Rehabilitation Services.
4. Discuss the information technology aided initiatives to ensure control of Tuberculosis.
5. Discuss role of information technology in early recognition of Epidemic.
6. Discuss the advantages and challenges of “Zero Base Budgeting” compared to traditional budgeting.
7. Discuss the challenges in evaluating effectiveness and utility of a project using Quality of Life as outcome.
8. Discuss the components essential for making “Self-Directed Learning” effective.
9. Discuss the essential components to make “Set Induction” effective in a training session.
10. Discuss “Siddha” as a non – allopathic medical system and the role it can play in Health Care.

III. Reasoning Out: (4 x 5 = 20)

1. Pap smear or Visual Inspection with acetic acid – justify your choice in a tertiary care center for cancer screening
2. There is an increasing market for AYUSH services – justify.
3. Occupational Hazards in small scale sector is an iceberg phenomenon – discuss.
4. What is “Novel” about Quality of care in health care delivery?

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[MD 1223]

**DECEMBER 2023
(OCTOBER 2023 EXAM SESSION)**

Sub. Code: 2055

**M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER IV – HEALTH PRACTICE AND ADMINISTRATION AND
RECENT ADVANCES**

Q.P. Code: 202055

Time : Three Hours

Maximum : 100 Marks

I. Essay: (2 x 15 = 30)

1. Transplantation of Human Organs and Tissue Act –Discuss its need, essential components, implementation and monitoring.
2. As a Medical Officer of PHC, How will you plan a screening program for cancer cervix in a village?

II. Short notes: (10 x 5 = 50)

1. Pradhan Mantri TB Mukh Bharat Abhiyan.
2. Medical Tourism in India.
3. Enumerate the various methods of Self Directed Learning and its benefits.
4. Use of Drones in Vector and disease surveillance.
5. Application of Big data analytics in Health Care.
6. Discuss different stages of Vaccine development. Mention the ways to calculate vaccine effectiveness.
7. Using the theory of planned behavior, explain why smokers find it difficult to quit smoking.
8. What is counseling? What are principles of counseling and associated barriers? Explain with examples.
9. Describe different interventions under COTPA to address Tobacco Epidemic.
10. Discuss the various health care delivery models in India.

III. Reasoning Out: (4 x 5 = 20)

1. Digital technology has enhanced the Tuberculosis treatment and control in India – Justify.
2. E-learning is more effective than traditional teaching on academic performance of Medical students – Reason out.
3. Is Social stratification responsible for social inequality in India?
4. Covid 19 pandemic necessitated the need for Comprehensive health care law in India- Justify.
