

April-2001

[KD 185]

Sub. Code : 2089

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch XV — Community Medicine

Part II

Paper II — HEALTH CARE OF SPECIAL GROUPS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the medicinal and engineering measures to control and prevent occupational health problems. (25)

2. Discuss the developments at international and national level since date 1950s about women's development including family planning. (25)

Write briefly on : (5 × 10 = 50)

(a) Methods of promoting breast feeding

(b) Screening for sexually transmitted diseases (STDs) among pregnant women

(c) Organisational setup and beneficiaries of Tamil Nadu Integrated Nutrition Programme (TINIP)

(d) Measures to reduce neonatal mortality

(e) Female condom.

[KE 185]

Sub. Code : 2089

M.D. DEGREE EXAMINATION.

(All Regulations)

Community Medicine

Part II

Paper II — HEALTH CARE OF SPECIAL GROUPS

Time : Three hours

Maximum : 100 marks

1. What are the objectives, strategies and implementation of CSSM programme? (25)
 2. Compare and contrast between home care Vs institutional care of the aged. Add note on the current status of geriatric services in India. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Ergonomics.
 - (b) Pearl index.
 - (c) Vocational rehabilitation.
 - (d) Stimulus variation in class room teaching.
 - (e) Media for small group discussion.
-

[KG 185]

Sub. Code : 2089

M.D. DEGREE EXAMINATION.

(Old/New/Revised Regulations)

Branch XV — Community Medicine

Part II

Paper II — HEALTH CARE OF SPECIAL GROUPS

Time : Three hours,

Maximum : 100 marks

Answer ALL questions.

1. What are the important health issues in women's health? How will you organize reproductive health care service in India? (25)
 2. Describe the occupational health problems among agricultural workers. What measures would you recommend for promotion of health of agricultural workers. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Juvenile delinquency.
 - (b) Gomez classification of Protein-energy-malnutrition.
 - (c) Food Adulteration Act.
 - (d) Problems and management of old people.
 - (e) Role of teachers in school health.
-

[KH 185]

Sub. Code : 2089

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch XV — Community Medicine

Part II

Paper II — HEALTH CARE OF THE SPECIAL
GROUPS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the objectives, strategies and implementation of ICDS programme in India. (25)
 2. Discuss the legislative measures in the control of occupational diseases. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Demographic gap
 - (b) Mid-day meal programme
 - (c) Uses and misuses of over head projector
 - (d) Perinatal mortality
 - (e) Microteaching as a tool of evaluation.
-

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch XV — Community Medicine

Part II

Paper II — HEALTH CARE OF SPECIAL GROUPS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. What are the components of Reproductive and Child Health Programme (RCH)? Describe the programme strategies and approach. Discuss its relevance in further improving the maternal and child health. (25)
 2. Describe the safety, health and welfare measures available for industrial workers in organized sectors in India. Discuss how these measures can be extended to workers in un-organised sector. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Prevention of violence against women and children
 - (b) Health care of people living in refugee camps
 - (c) Rehabilitation of commercial sex workers
 - (d) Health and social problems encountered by elderly people
 - (e) Socio-economic status and health.
-

[KJ 185]

Sub. Code : 2089

3. Write short notes on :

(10 × 5 = 50)

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch XV — Community Medicine

Part II

Paper II — HEALTH CARE OF SPECIAL GROUPS

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

M.C.Q. must be answered in a **SEPARATE** Answer Sheet provided as per the instructions given on the first page of M.C.Q. Booklet.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Essays :

$(2 \times 15 = 30)$

1. Discuss in detail the causes of perinatal mortality in India and prepare a plan of action for reducing the same.
2. Discuss the various social security measures that are available to the working population in India.

1. Models of health education.
2. Child welfare agencies.
3. Ergonomics.
4. Indicators of breast feeding.
5. Child guidance clinic.
6. Occupational hazards in non-organized sector.
7. Post-conceptional contraceptive methods.
8. Drug dependence.
9. Byssinosis.
10. Maternity waiting homes.

[KL 185]

Sub. Code : 2089

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch XV — Community Medicine

Part II

Paper II — HEALTH CARE OF SPECIAL GROUPS

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. Write an essay on : (2 × 15 = 30)

(1) What are the indicators of MCH care?

(2) Write about social security measures in India for working population.

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

(a) Medical Termination of Pregnancy Act.

(b) Integrated Child Development Services Scheme.

(c) Reproductive Child Health (RCH).

(d) Benefits of ESI Act.

(e) Healthful School Environment.

(f) Pneumoconiosis.

(g) Warning signals of poor mental health.

(h) Barriers of communication.

(i) 'Pass Port' to child care.

(j) Clinical gerontology.

February-2005

[KM 185]

Sub. Code : 2089

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch XV — Community Medicine

Part II

Paper II — HEALTH CARE OF SPECIAL GROUPS

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

Draw suitable diagrams wherever necessary.

Answer ALL questions.

I. Essay : (2 × 15 = 30)

(1) Ante-natal care services in rural India.

(2) Special problems of the elderly.

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

(a) Non-contraceptive benefits of the oral contraceptive pill (OCP)

(b) Sickness benefits under ESI Act.

(c) Child Guidance Clinics

(d) Signs of lead poisoning

(e) Social rehabilitation of commercial sex workers

(f) Aims of under-five clinics

(g) Infant Mortality Rate (IMR)

(h) Symptoms of drug addictions

(i) Health protection of school children

(j) Indicators of mental health.

[KM 185]

[KO 185]

Sub. Code : 2089

M.D. DEGREE EXAMINATION.

Branch XV — Community Medicine

Paper II — HEALTH CARE OF SPECIAL GROUPS

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.

Draw suitable diagrams wherever necessary.

- I. Essay :** (2 × 15 = 30)
1. Recent trends in Maternal and Child Health Care.
 2. The health problems of Pre-School Children.
- II. Write short notes on :** (10 × 5 = 50)
- (a) Fertility Indices.
 - (b) Population Education.
 - (c) Causes of mental ill-health.
 - (d) Medical measures for the prevention of occupational diseases.

- (e) Psycho social rehabilitation.
 - (f) National population policy.
 - (g) Baby friendly hospital initiative.
 - (h) Industrial accidents.
 - (i) Medical benefits under the E.S.I. Act.
 - (j) Principles of Health Education.
-

[KP 185]

Sub. Code : 2089

M.D. DEGREE EXAMINATION.

Branch XV — Community Medicine — Part II

Paper II — HEALTH CARE OF SPECIAL GROUPS

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.

Draw suitable diagrams wherever necessary.

I. Essay :

(1) Describe the causes of maternal mortality in India. Suggest the preventive measures to reduce it. (20)

(2) Describe the approaches to prevention of handicapping conditions in children. (15)

(3) Describe the benefits under Employees State Insurance Act. (15)

II. Write short notes on :

(6 × 5 = 30)

- (a) Danger signals during labour.
- (b) Short term effects of major disasters.
- (c) Methods in health communication.
- (d) Approaches to prevention of Drug Dependence.
- (e) Integrated management of childhood illness.
- (f) National socio-demographic goals to be achieved by the year 2010.

[KQ 160]

Sub. Code : 2088

**M.D. DEGREE EXAMINATION,
Branch XV — Community Medicine
HEALTH CARE OF SPECIAL GROUPS**

Common to :

**Part II – Paper II (All Regulations
Candidates admitted from 1988 – 89 onwards)
and**

**Paper III (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 :

- 1. Describe the causes of perinatal mortality in India suggest the preventive measures to reduce it. (20)**
- 2. Describe the approaches to prevention of accidents in children and adolescents. (15)**
- 3. Describe the role of intercountry organisations in health care of elderly. (15)**

II. Write Short notes on :

(6 × 5 = 30)

- (a) Millenium development Goals.**
 - (b) Reproductive child health package.**
 - (c) Sex education in schools.**
 - (d) Symbol for underfives clinic.**
 - (e) Health care of commercial sex workers.**
 - (f) Health of health care givers.**
-

MARCH 2008**[KS 158]****Sub. Code : 2053**

M.D. DEGREE EXAMINATION.

Branch XV — Community Medicine

HEALTH CARE OF SPECIAL GROUPS

Common to :

Part II — Paper II

(Candidates admitted upto 2003–2004)

and

Paper III (for candidates admitted from 2004–2005 onwards)

Q.P. Code : 202053

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

- I. Essay : (2 × 20 = 40)
1. Describe the child Health Problems in India.
 2. Describe the various Hormonal contraceptive methods.
- II. Write short notes on : (10 × 6 = 60)
1. Contents of Health Education.
 2. Disaster impact and response.
 3. Prenatal advice.
 4. Growth chart used in India.
 5. Determinants of maternal mortality in India.
 6. Midday school meal.
 7. Sickness Absenteeism.
 8. Causes of mental ill-health.
 9. Medical measures of prevention of occupational diseases.
 10. Bio-Medical waste management in India.
-

September 2008

[KT 158]

Sub. Code: 2053

M.D. DEGREE EXAMINATION

Branch XV – Community Medicine

HEALTH CARE OF SPECIAL GROUPS

Part II – Paper II (Candidates admitted upto 2003-04) and

Paper III - (For candidates admitted from 2004-2005 onwards)

Q.P. Code : 202053

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 X 20 = 40)

1. Describe the health problems due to industrialization.
2. Describe the objectives and aspects of school health services.

II. Write short notes on :

(10 X 6 = 60)

1. Causes of mental ill health.
 2. Child guidance clinic.
 3. Danger signals during labour.
 4. Child welfare agencies.
 5. Health hazards of health care waste.
 6. Man made disasters.
 7. Asbestosis.
 8. Approach to health education.
 9. Complications of post partum period.
 10. Adverse effects of oral pills.
-

March 2009

[KW 158]

Sub. Code: 2053

M.D. DEGREE EXAMINATION

Branch XV – COMMUNITY MEDICINE

**Part II – Paper II (Candidates admitted upto 2003-04) and
Paper III - (For candidates admitted from 2004-2005 to 2007-2008)**

HEALTH CARE OF SPECIAL GROUPS

Q.P. Code : 202053

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary

Answer ALL questions

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

1. The occupational health hazards due to physical agents and their prevention.
2. Discuss the various intervention measures for prevention of low birth weight babies.

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

1. Medical termination of pregnancy.
2. Injectable hormonal contraceptives.
3. Raymond pearl index.
4. Preventive measures of occupational dermatitis.
5. Plumbism.
6. Juvenile delinquency.
7. Non medical benefits of ESI scheme.
8. Criteria for sanitary latrines.
9. Concepts of social obstetrics.
10. Prevention of mental retardation.

September 2009

[KV 158]

Sub. Code: 2053

M.D. DEGREE EXAMINATION

Branch XV – COMMUNITY MEDICINE

**Part II – Paper II (Candidates admitted upto 2003-04) and
Paper III - (For candidates admitted from 2004-2005 to 2007-2008)**

HEALTH CARE OF SPECIAL GROUPS

Q.P. Code : 202053

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary

Answer ALL questions

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

1. List out risk factors for older persons and detail regarding preventive strategies of various health problems of geriatric age group.
2. Describe in detail the advantages and disadvantages of different barrier methods of family planning.

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

1. Lead poisoning
2. Role of 'ASHA' for women health care.
3. Health problems of street children.
4. Causes of high maternal mortality rate.
5. Describe in detail neonatal screening.
6. Reasons for declining sex ratio in India.
7. Syndromic management of reproductive tract infections.
8. Standard case management for acute respiratory infection and acute diarrhoeal diseases.
9. Benefits to woman employees under Indian factories act.
10. Recent man made disasters.

March 2010

[KW 158]

Sub. Code: 2053

M.D. DEGREE EXAMINATION

Branch XV – COMMUNITY MEDICINE

**Paper III - (for candidates admitted from 2004-2005 to 2007-2008) and
Part II – Paper II (Candidates admitted from 2008-09 onwards)**

HEALTH CARE OF SPECIAL GROUPS

Q.P. Code : 202053

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary

Answer ALL questions

I. Essay questions :

(2 x 20 = 40)

1. Outline the various procedures that are followed in new-born care at first level health care setting and enlist basic criteria for identifying 'at risk babies'.
2. Enumerate the various health problems encountered in adolescence and describe the approaches that are existing for their management.

II. Write short notes on :

(10 x 6 = 60)

1. Health problems due to industrialization.
2. Integrated counselling testing centre.
3. Warning of poor mental health and suggested mental health scheme.
4. Women as health care providers.
5. Nutritional education campaign to preschool children.
6. Role of genetic predisposition in common diseases and suggested prevention and control measures.
7. Suggested measures for health problems of swimming pool usage.
8. Estimation of strength of 'Sewage'.
9. Personal protection in different types of emergencies.
10. Implications of 'ageing' population on Indian economy.

September 2010

[KX 158]

Sub. Code: 2053

M.D. DEGREE EXAMINATION

Branch XV – COMMUNITY MEDICINE

HEALTH CARE OF SPECIAL GROUPS

**Paper III - (For candidates admitted from 2004-2005 to 2007-2008) and
Part II – Paper II (Candidates admitted from 2008-09 onwards)**

Q.P. Code : 202053

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 X 20 = 40)

1. What are the causes of accidents in Industries? Describe the preventive measures to be taken to prevent accidents in Industries.
2. What are the major public health problems in India? Describe the National Family welfare programme.

II. Write short notes on :

(10 X 6 = 60)

1. Counselling for a HIV positive Individual.
2. Describe the functions of ICDS Scheme.
3. What is exclusive breast feeding?
4. Maternal Mortality Rate.
5. Cold Chain.
6. Sabin Vaccine.
7. MTP act.
8. Drug Addiction.
9. Neonatal Tetanus.
10. Old Age Homes.

MAY 2011

[KY 158]

Sub. Code: 2053

**M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
HEALTH CARE OF SPECIAL GROUPS
Q.P. Code : 202053**

**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. Define low birth weight. Discuss in detail the riskfactors for low birth weight and the strategies for prevention and management of low birth weight at the community level. | 11 | 35 | 15 |
| 2. H1N1 infection in emerging as a significant problem in India. Suggest an intervention for the special group shown to be at high risk in India. | 11 | 35 | 15 |

II. Write notes on :

- | | | | |
|---|---|----|---|
| 1. Geriatric services in India. | 4 | 10 | 7 |
| 2. Emergency contraceptive methods. | 4 | 10 | 7 |
| 3. Drug addiction and drug dependence. | 4 | 10 | 7 |
| 4. Microteaching as a tool of evaluation. | 4 | 10 | 7 |
| 5. Role of teachers in school health. | 4 | 10 | 7 |
| 6. Hazards due to industrialization. | 4 | 10 | 7 |
| 7. Health problems of adolescence. | 4 | 10 | 7 |
| 8. DELPHI method. | 4 | 10 | 7 |
| 9. PNDTA Act. | 4 | 10 | 7 |
| 10. Major strategies under RCH Phase II. | 4 | 10 | 7 |

October 2011

[KZ 158]

Sub. Code: 2053

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
HEALTH CARE OF SPECIAL GROUPS

Q.P. Code : 202053

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. Health care of the adolescents – challenges and solutions.	11	35	15
2. Health care needs of people living with HIV (PLWHA).	11	35	15

II. Write notes on :

1. Cold chain maintenance and its monitoring.	4	10	7
2. Factors influencing maternal mortality rate.	4	10	7
3. Unmet need for contraception.	4	10	7
4. Discuss problem of “Peer pressure” affecting health of students.	4	10	7
5. Discuss the universal precautions to be followed to Minimize hazards of health industry.	4	10	7
6. National mental health programme.	4	10	7
7. Measures to reduce impact of locomotor disabilities in the elderly.	4	10	7
8. Physical methods of rehabilitation.	4	10	7
9. How to overcome “Boomerang effect” in health communication.	4	10	7
10. Evaluation techniques in teaching – learning sessions.	4	10	7

April 2012

[LA 158]

Sub. Code: 2053

M.D. DEGREE EXAMINATION

BRANCH XV – COMMUNITY MEDICINE

HEALTH CARE OF SPECIAL GROUPS

Q.P. Code : 202053

**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. Discuss role of Essential Obstetric Care (EOC) and emergency obstetric care in controlling maternal and infant mortality.	16	35	15
2. Health hazards related to occupation, with special reference to construction labourers.	16	35	15

II. Write notes on :

1. Causes and primary care management of post partum hemorrhage.	4	10	7
2. New born care under their RCH.	4	10	7
3. Hormonal contraceptives.	4	10	7
4. Byssinosis.	4	10	7
5. Government efforts to support care of the elderly.	4	10	7
6. Challenges to community based rehabilitation.	4	10	7
7. Transactional analysis of behavior.	4	10	7
8. Barriers to communication.	4	10	7
9. Essential welfare measures at a factory under factories act.	4	10	7
10. Impact of peer pressure on health of adolescents.	4	10	7

[LB 158]

OCTOBER 2012
M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
HEALTH CARE OF SPECIAL GROUPS
Q.P. Code : 202053

Sub. Code: 2053

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 and define the fertility related indicators.
Explain the concept of Unmet need for reproductive health services and the measures adopted to meet this need. | 16 | 35 | 15 |
| 2. List the health problems of the elderly in India. Write briefly on the prevention and control of these problems. | 16 | 35 | 15 |

II. Write notes on :

- | | | | |
|--|---|----|---|
| 1. Health problems- Refuge and displaced children | 4 | 10 | 7 |
| 2. Adolescent vaccines. | 4 | 10 | 7 |
| 3. Reproductive and Sexual health Education of Adolescent. | 4 | 10 | 7 |
| 4. Family planning counseling. | 4 | 10 | 7 |
| 5. Medical benefit for industrial workers. | 4 | 10 | 7 |
| 6. Verbal autopsy in finding cause of maternal deaths. | 4 | 10 | 7 |
| 7. Growth monitoring. | 4 | 10 | 7 |
| 8. Early Neonatal Care. | 4 | 10 | 7 |
| 9. Benefits and draw backs of Risk approach in Antenatal care. | 4 | 10 | 7 |
| 10. Specific protection in Antenatal care. | 4 | 10 | 7 |

(LC 158)

**APRIL 2013
M.D. DEGREE EXAMINATION**

Sub. Code: 2053

BRANCH XV – COMMUNITY MEDICINE

HEALTH CARE OF SPECIAL GROUPS

Q.P. Code : 202053

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. Discuss government efforts to control malnutrition in pre-school children.
2. The cost and benefits of the ESI scheme to the employee.

II. Write notes on:

(10X7=70)

1. Management of anemia in pregnancy.
2. Management protocol under RCH for a toddler with fever and cough of four days duration
3. Pearl index
4. Health care of workers in the atomic energy field
5. Factors predisposing to dependence of the elderly
6. Rehabilitation services to a child affected with down's syndrome
7. Juvenile delinquency
8. Participatory learning for action (PLA) techniques
9. Work absenteeism
10. School health services.

[LE 158]

APRIL 2014

Sub. Code: 2053

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
HEALTH CARE OF SPECIAL GROUPS
Q.P. Code :202053

Time : Three Hours

Maximum : 100 marks

I. Elaborate on:

(2X15=30)

1. What are the causes of infant mortality in India? Describe the strategies to prevent infant mortality.
2. What are the health problems of rapid urbanization? Suggest measures to improve their health status.

II. Write notes on:

(10X7=70)

1. Growth monitoring in children.
2. Strategies for promoting safe delivery.
3. Adolescent health.
4. Emergency contraceptives.
5. Initiatives for promoting breast feeding.
6. Health problems of elderly.
7. Private public partnership in improving health.
8. Ergonomics.
9. Sickness absenteeism.
10. Child mortality in India.

[LF 158]

OCTOBER 2014

Sub. Code: 2053

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER III - HEALTH CARE OF SPECIAL GROUPS
Q.P. Code :202053

Time : Three Hours

Maximum : 100 marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the physiological basis of fatigue in man. Outline the measures for prevention of mental fatigue in an Industry.
2. Write an essay on prisoners health.

II. Write notes on:

(10 x 7 = 70)

1. Child vaccine initiative.
2. Nomadic studies.
3. Gender Issues.
4. Pneumoconiosis.
5. Group Dynamics.
6. Illegitimate child.
7. Creches.
8. Health Ambassadors.
9. Ergonomics.
10. Geriatric policy in India.

[LG 158]

APRIL 2015

Sub. Code: 2053

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER III – HEALTH CARE OF SPECIAL GROUPS
Q.P. Code : 202053

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 15 = 30)

1. Describe the factors and theories associated with the phenomenon of “Ageing”.
Discuss the need for and the role of community Geriatric practice in India.
2. Discuss the problem of Mental illness in India. Describe the components of a sound
Mental Health programme.

II. Write notes on:

(10 x 7 = 70)

1. Qualitative Research.
2. Child placement.
3. Mother NGOs.
4. Social marketing.
5. Suicides in India.
6. Travel medicine.
7. Education diagnosis.
8. Social Stress.
9. Fertility trends.
10. HOSPICE.

[LH 158]

OCTOBER 2015

Sub. Code: 2053

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER III – HEALTH CARE OF SPECIAL GROUPS

Q.P. Code : 202053

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 15 = 30)

1. Enumerate the underlying factors of malnutrition and discuss the control measures with a brief note on the relevant National Programmes.
2. Describe Adolescent health problems in India and programs directed against them.

II. Write notes on:

(10 x 7 = 70)

1. Chronogram.
2. Promotion of health at site.
3. Neonatal Resuscitation.
4. Unintentional injuries.
5. Ergonomics
6. Silicosis.
7. Methods of promoting breast feeding.
8. Health care of Refugees.
9. Social mobility.
10. Emergency obstetric care.

[LI 158]

APRIL 2016

Sub. Code: 2053

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER III – HEALTH CARE OF SPECIAL GROUPS
Q.P. Code :202053

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the health problems in children and the relevant national programmes. Write briefly on the National Policy for children.
2. Elaborate the health consequences in Urban Slums? Discuss the steps to be taken to improve Urban health with the existing facilities and infrastructure.

II. Write notes on:

(10 x 7 = 70)

1. Health hazards in agricultural workers.
2. Advice on weaning.
3. Safe abortion services.
4. Healthcare for the tribal people.
5. Ageing of population – its implications.
6. Facility based Newborn care.
7. Recent advances in contraception.
8. Problem family and Broken family.
9. Adolescent friendly Health Service.
10. Treatment and rehabilitation for drug addicts.

[LJ 158]

OCTOBER 2016

Sub. Code: 2053

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER III – HEALTH CARE OF SPECIAL GROUPS
Q.P. Code :202053

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the measures for reduction of infant mortality in India.
2. Describe the occupational health hazards due to physical agents and their prevention.

II. Write notes on:

(10 x 7 = 70)

1. Models of health education.
2. Lecture as a method of teaching.
3. Disease prevention in the elderly.
4. Injectable contraceptives.
5. Risk approach in antenatal care.
6. Handicapped children.
7. Healthful school environment.
8. Approaches for measuring maternal mortality.
9. Host and environmental factors in drug dependence.
10. Sickness absenteeism.

[LK 158]

MAY 2017

Sub. Code: 2053

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER III – HEALTH CARE OF SPECIAL GROUPS
Q.P. Code :202053

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on: **(2 x 15 = 30)**

1. Explain in detail the factors that determine maternal death and discuss the prevention and control measures with relevant National Programmes.
2. Comment on the statement: “Health consequences of poverty are severe”. Discuss on poverty eradication and health promotion in urban slum population.

II. Write notes on: **(10 x 7 = 70)**

1. Janani Suraksha Yojana.
2. Lead poisoning - an occupational hazard.
3. Baby Friendly Hospital Initiative.
4. Principles of counseling.
5. Hormonal contraceptives.
6. Write briefly on Special nutrition programme.
7. Health hazards in computer operators.
8. Pre natal diagnostics and techniques Act
9. School Health Programme and role of teachers in the programme.
10. Child labour.

[LL 158]

OCTOBER 2017

Sub. Code: 2053

**M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER III – HEALTH CARE OF SPECIAL GROUPS**

Q.P. Code :202053

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the measures for reduction of maternal mortality in India.
2. Describe the medical measures for prevention of occupational diseases.

II. Write notes on:

(10 x 7 = 70)

1. Preventive aspects of mental health.
2. Asbestosis.
3. Health problems of the aged people.
4. Emergency contraceptives.
5. Microteaching.
6. Principles of health education.
7. Street children.
8. Health appraisal of school children.
9. Cultural and social factors influencing infant mortality.
10. Growth monitoring.

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER III – HEALTH CARE OF SPECIAL GROUPS

Q.P. Code :202053

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. Mention the risk factors for perinatal mortality.
Describe the measures for reduction of perinatal mortality rates in India.
2. Explain the physical hazards in industries to which an industrial worker is exposed?
Add a note on occupational cancers and their prevention.

II. Short notes:

(10 x 5 = 50)

1. Evaluation techniques in teaching-learning sessions.
2. Female condom.
3. Sickness absenteeism.
4. Social obstetrics.
5. Child abuse.
6. Nutritional services in school health.
7. Social rehabilitation.
8. Psychological problems in the elderly.
9. Secondary prevention of mental illnesses.
10. Barriers of communication.

III. Reasoning Out:

(4 x 5 = 20)

1. Explain the reasons for improvement in under-five child survival in the world over the past quarter of a century.
2. Explain the role of proper diet and exercise in improving the health of the elderly.
3. Explain the role of child guidance clinics in helping children who are not fully adjusted with their environment?
4. Health communication may fail in many cases, if its message is not adequate. Mention the qualities of a good message.

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER III – HEALTH CARE OF SPECIAL GROUPS

Q.P. Code: 202053

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. Define handicap.
Classify handicapped children.
Describe the approaches to prevention of handicapping conditions.
2. Explain ergonomics.
Describe the legal measures for prevention of occupational diseases.

II. Short notes:

(10 x 5 = 50)

1. Lesson plan in pedagogy.
2. Injectable contraceptives.
3. Prevention of Drug dependence.
4. Primary prevention in the elderly.
5. Social intervention model in health education.
6. Healthful school environment.
7. Juvenile delinquency.
8. Risk approach in antenatal care.
9. Child welfare agencies.
10. Occupational dermatitis.

III. Reasoning Out:

(4 x 5 = 20)

1. Infant mortality rate in India is high as compared to developed countries.
Give reasons for this difference.
2. Explain the disadvantages of lecture as a method of health education.
3. Explain the role of exercise in maintaining good health in the elderly.
4. Explain why the top down target approach was replaced by the community needs assessment approach in family welfare programme in India.

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER III – HEALTH CARE OF SPECIAL GROUPS

Q.P. Code: 202053

Time : Three Hours

Maximum : 100 Marks

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

1. Discuss the effect of industrialization on health. List the measures to improve health in such settings.
2. List the factors affecting fertility and population growth. Suggest possible approaches to modify those factors.

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

1. Discuss the occupation related musculoskeletal disorders and prevention.
2. Maternal Mortality Ratio: definition, leading causes and sources of information.
3. Estimation of number of pregnancies and methods of tracking pregnancies in a specified area.
4. Strategies to promote the 'Rights of Children'.
5. Factors influencing the gene frequencies in a population and the application of the Hardy-Weinberg Law.
6. Strategies for the promotion of mental health of a community.
7. Personal protective equipments in work place.
8. Screening for health related risk factors in factories.
9. Prevention of mother to child transmission of infections.
10. Occupational infections and preventive measures.

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

1. Gender equality in sustainable development goals.
2. Prevention of falls in elderly.
3. Measures to prevent communicable diseases in the school environment.
4. Community based nutritional interventions for children.

M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER III – HEALTH CARE OF SPECIAL GROUPS

Q.P. Code: 202053

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. Discuss the criteria by which you would evaluate a primary health centre for delivery of antenatal care services.
2. Discuss whether Rashtriya Bal Swasthya Karyakram replaces school health programme, with justification.

II. Short notes:

(10 x 5 = 50)

1. Discuss the factors which had led to the current demographic status in India and its consequences.
2. Importance of near misses maternal mortality and its consequences.
3. Discuss the delivery of care to toddlers 1 to 3 years as per NHM along with the supportive supervision available.
4. Define gender bias and how do you estimate it among adolescents?
5. Discuss the significance of childcare counselling offered during the antenatal period in neo natal care by the family.
6. Concessions and facilities offered by the government to help improve quality of life of the elderly.
7. Discuss the scope and ethics of gene therapy.
8. Discuss the challenges in providing care at an urban PHC in contrast to a rural PHC.
9. Discuss the 'Euthenics' that can be arranged for a kid with cerebral palsy.
10. Discuss the challenges in health care delivery to migrants.

III. Reasoning Out:

(4 x 5 = 20)

1. Innovation and advances in industries are a boon or bane for occupational health. Discuss.
2. Discuss health issues of children orphaned of HIV affected parents. Suggest feasible solutions to overcome them.
3. Tribals are at increased risk for health and healthcare problems. Justify.
4. Discuss what is common among the following and how do they differ from each other: birth rate, general fertility rate, total fertility rate and reproductive rate?

[LQ 158]

AUGUST 2020

Sub. Code: 2053

(MAY 2020 SESSION)

M.D. DEGREE EXAMINATION

BRANCH XV – COMMUNITY MEDICINE

PAPER III – HEALTH CARE OF SPECIAL GROUPS

Q.P. Code: 202053

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. As a district programme manager in charge of health care of elderly, discuss the challenges and gaps in the functioning of the National Programme for Health care of Elderly in your district. Discuss the lacunae in the programme that fail to address the community needs.
2. Discuss the factors affecting the health of slum dwellers. Describe in detail the Organization and provision of health services for slum dwellers.

II. Short notes:

(10 x 5 = 50)

1. Facility based newborn care.
2. Child trafficking.
3. Critically appraise 'Sarva Shiksha Abhiyan'
4. Genetic Counselling
5. RHIME
6. Under Five's Clinic
7. Rights of persons with Disabilities Bill, 2016
8. Warning signs of poor mental health
9. Engineering measures for prevention of occupational diseases.
10. 'Fixed Day Static Services' approach in Sterilization

III. Reasoning Out:

(4 x 5 = 20)

1. Urban health in India, is it pro poor or pro rich?
2. ICDS services in Tamil Nadu- Success or failure?
3. General Fertility Rate vs Total Fertility Rate.
4. Rationale behind IFA tablet supplementation for 180 days in the post natal period.

[LS 158]

**NOVEMBER 2020
(OCTOBER 2020 SESSION)**

Sub. Code: 2053

**M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER III – HEALTH CARE OF SPECIAL GROUPS**

Q.P. Code: 202053

Time : Three Hours

Maximum : 100 Marks

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

1. During a VHND, 2-year-old Arvind with MUAC of 11 cm and W/H of 65% was brought to you. How will you manage and follow up on him? Discuss the programmatic interventions for such children in the community.
2. Discuss the Need for population control in India. Describe in detail the initiatives taken towards population control. Add a note on the National Population Policies.

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

1. Anemia Mukd Bharat
2. Juvenile Justice Act, 2015
3. Action plan to attain “Single Digit Still Birth Rate by 2030”
4. Health hazards in Migrant Workers
5. Secondary prevention measures for genetic disorders.
6. Prevention of drug dependence
7. Radiation hazards in industries – Effects and control
8. Child Guidance Clinic
9. Health programmes for adolescent girls.
10. Risk Approach in Antenatal care.

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

1. Child survival and SDG
2. Hidden Hunger – Position of India.
3. Participation of teachers in the school health programme - Is it necessary?
4. ‘Mid Day Meals has reduced School Drop outs’ – True or False?

[MD 0721]

**JULY 2021
(MAY 2021 SESSION)**

Sub. Code: 2053

**M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER III – HEALTH CARE OF SPECIAL GROUPS**

Q.P. Code: 202053

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. Describe the problems of urban slum areas and its impact on health of people. Suggest the public health measures to improve slum areas.
2. Briefly describe the components of 'Maternal and Child Health' program in India.

II. Short notes:

(10 x 5 = 50)

1. What are the factors which influence the 'gene pool' of the populations?
2. List the primary prevention strategies for Road Traffic Accidents.
3. Discuss the common causes of Infant mortality in India.
4. Discuss the various measures for prevention of Juvenile delinquency.
5. Write briefly on the public health interventions to reduce the burden of genetic disorders.
6. Discuss the role of 'World Health Organization child growth standards' in monitoring growth of children.
7. Discuss importance of 'dependency ratios'.
8. List the environmental factors causing road traffic accidents.
9. Write briefly on 'National Family Planning Indemnity Scheme'.
10. Discuss the various benefits given by the Governments for people living with disability.

III. Reasoning Out:

(4 x 5 = 20)

1. Discuss the role of school environment on the health of children.
2. Discuss on the reasons for 'unmet need for contraception' and suggest strategies to improve contraceptive use.
3. List few strategies for prevention of suicides among adolescents.
4. Explain the difference between 'maternal mortality ratio', 'maternal mortality rate' and 'life time risk of maternal death'.

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

[MD 0522]

MAY 2022

Sub. Code: 2053

**M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER III – HEALTH CARE OF SPECIAL GROUPS**

Q.P. Code: 202053

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. Persons A 12 year old girl recently rescued from bonded labour as a domestic help (for 5 years) is brought by an NGO worker for health assessment.
 - a. What are the health related issues you will expect in the girl?
 - b. Give a brief note on various national programmes and legislations under which the girl can benefit?
 - c. Write a short note on Child Labour Prohibition and Regulation Act.
2. Enlist the objectives and aspects of school health services and discuss about school health programme under Ayushman Bharath.

II. Short notes:

(10 x 5 = 50)

1. What is Elder Abuse? Measures to prevent.
2. Hazards faced by Agricultural workers and measures to prevent the hazard exposure.
3. Child survival strategies.
4. Challenges faced by refugees with respect to Health.
5. Peer Pressure in adolescence.
6. Home based New-born Care.
7. Prevention of Congenital Malformation.
8. Intra-national disparities in Maternal mortality in India.
9. What is eligibility criteria for enrolling in ESI scheme? Briefly mention the benefits under ESI scheme.
10. Problems of Transgender.

III. Reasoning Out:

(4 x 5 = 20)

1. Concept of Estimated Average Requirement vs Required Daily Allowance.
2. Dependency ratio in relation to Fertility trend in India.
3. Web based surveillance vs traditional surveillance system.
4. Educating the Women is the path to the development – Justify.

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

[MD 1022]

OCTOBER 2022

Sub. Code: 2053

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

PAPER III – HEALTH CARE OF SPECIAL GROUPS

Q.P. Code: 202053

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. Persons living with disability: Discuss in detail how their problem is measured and quantified. Explain the concept of community based rehabilitation and its challenges.
2. Intrapartum care guidelines as per the RMNCH+A program: How is this component of the program evaluated?

II. Short notes:

(10 x 5 = 50)

1. Chayya – centchroman.
2. Importance of near miss maternal mortality and its consequences.
3. Discuss how development of the under-five child is monitored and the instructions to the mother for encouraging adequate development.
4. Genetic engineering in vaccine development.
5. Discuss interventions that can “add life to years” in the elderly.
6. ‘Out of school children’ discuss their health issues and the infrastructure available in the current health care system to reach them.
7. Migrant labourers – their role during epidemics and its control.
8. Discuss the diseases related to computer – human interaction.
9. Discuss the paradox of loneliness and its consequences in a crowded city.
10. ‘Fixed Day Static Services’ approach in Sterilization.

III. Reasoning Out:

(4 x 5 = 20)

1. Standardized death rate independently has no meaning – Validate this fact.
2. Discuss the vaccine which is pilot tested in some districts in TN as part of Universal Immunization Program, justifying its use.
3. Criteria for eligibility of paid maternity leave under ESI scheme.
4. Home based care for the low birth weight baby – discuss the guidelines.

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

[MD 0723]

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

Sub. Code: 2053

**M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER III – HEALTH CARE OF SPECIAL GROUPS
Q.P. Code: 202053**

Time : Three Hours

Maximum : 100 Marks

I. Essay: (2 x 15 = 30)

1. Discuss the role of International Health Regulations in control of disease spread.
2. Discuss the Objective, Implementation and Monitoring of the Transplantation of Human Organs and Tissues Act (THOTA).

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

1. Define “behavior” - the personal context. Discuss how individuals are categorized based on their usual response behaviour and the usefulness of such categorization.
2. Discuss the stage in the formation of a group and its importance for the group to achieve its objectives.
3. Discuss the stages in Behaviour Change Communication.
4. What is “Social Pathology”? How and why is it studied?
5. A diabetic with non-healing foot ulcer is under your care. Discuss how would you plan Behaviour Change Communication to stop smoking.
6. Elaborate who has the power to raise a complaint against the quality of food and its procedure under prevention of Food Adulteration Act.
7. Discuss the essential vaccinations required before international travel. Where can you get them?
8. What rules guide and monitor the “not for profit” organizations.
9. Critically describe how Public Health Surveillance helped in tackling the COVID pandemic.
10. Checklist for assessing quality of meta-analysis – discuss in brief.

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

1. Conforming to society with compliance or seeking the unknown with deviance. Critically evaluate which is good.
2. NABH - is it sufficient to assure quality. Reason out.
3. How does a Bilateral agency differ from a Donor agency.
4. Critically evaluate ‘Journal Impact Factor’ as an indicator of quality of a journal.

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

[MD 1223]

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

Sub. Code: 2053

**M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER III – HEALTH CARE OF SPECIAL GROUPS
Q.P. Code: 202053**

Time : Three Hours

Maximum : 100 Marks

I. Essay: (2 x 15 = 30)

1. Enumerate the various safety measures for Occupational health force. What are the different Health sector reforms in relation to Occupational health in India?
2. Discuss the three delay model explaining Maternal Mortality in India. Discuss in detail the various initiatives under NHM to address these delays.

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

1. UJJAWALA Scheme-Objectives and its components.
2. Risk factors for occupational injuries and its preventive measures.
3. Pre-placement examination Vs Periodical Examination with suitable examples
4. Discuss briefly Mission Shakti and its components.
5. Enumerate various birth defects and the strategies to detect the defects in India.
6. Enumerate and discuss the Government schemes for Adolescent's Reproductive Health Problems in India.
7. What is Child Death Review? Discuss with example how it contributes to child health.
8. Describe how Mental health care is integrated with Primary health care as per District Mental Health Program. Suggest your recommendations for better integration.
9. What is Gene-Environment interactions? Discuss its impact on human health.
10. What do you mean by Early Registration of Pregnancy? Discuss its importance in context to maternal health.

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

1. Combating gender imbalance through legislation- Is it appropriate method?
2. Is Urbanisation a boon or bane to health care?-Justify your answer with evidence.
3. Why India needs Midwifery initiative for better Maternal Child Care service delivery?
4. How Intensified Diarrhoea Control Fortnight, decreases child deaths due to Diarrhoea?
