

~~April~~  
~~October~~

April-2010

G.U

1/18

0410E012

Candidate's Seat No : \_\_\_\_\_

M.D. Examination

Community Medicine : Branch VII

Paper - I

(Preventive Medicine, Obstetrics & Gynaecology, Paediatrics, Psychiatry etc.)

Date : 01-04-2010, Thursday]

[Max. Marks : 100

Time : 3 Hours]

- Instructions :** (1) Figure to the right indicates full marks.  
(2) Write legibly.  
(3) Draw diagram wherever necessary.  
(4) All question carry equal marks.

1. (a) Describe the Childhood Cognitive Disabilities. 20  
Mention the methods of prevention.
- (b) Describe the health effects of Tobacco consumption. Mention the current trends and control programmes in our country.
2. (a) Define Premature Mortality and discuss the problems of Ageing. 20  
(b) Define and classify Psychiatric illnesses, their clinical presentations and Psycho social rehabilitation methods suitable in our country.
3. (a) Define Maternal Mortality. Discuss the magnitude of the problem in our country with preventive and social measures to reduce MMR. 20  
(b) Describe Aims and Objectives of NRHM and its implementation in your state.
4. (a) Define and classify contraceptive methods. Describe in detail, Hormonal Contraceptives. 20  
(b) Describe HARDY - WEINBERGE Equilibrium and factors which maintain and disturb the Equilibrium.
5. (a) Describe our National Health Policy. 20  
(b) Describe the Demographic transition and its effects in detail.

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119

0410E054

Candidate's Seat No : 119

M.D. Examination

Community Medicine : Branch VII

Paper - II

(Epidemiology of Com. & Non-communicable diseases Public Health, environmental Hygiene, etc.)  
Date : 05-04-2010, Monday]

Time : 3 Hours]

[Max. Marks : 100

- Instructions : (1) Figure to the right indicates full marks.  
(2) Write legibly.  
(3) Draw diagram wherever necessary.

- ✓ 1. (a) Describe the Epidemiology of JAPANESE - ENCEPHALITIS in our country and Mention preventive and control measures. 20
- ✓ (b) Describe the Post Transitional Diseases and their relevance in our country.
- ✓ 2. (a) Describe Epidemiology of Rabies and Mention the methods of prevention and control. 20
- ✓ (b) Define Morbidity and describe how to measure Morbidity with suitable examples.
- ✓ 3. (a) Define Randomization and discuss the role of Randomized clinical trails in experimental Epidemiology. 20
- ✓ (b) Describe the Radiation Hazards.
- ✓ 4. (a) Describe Community Based Rehabilitation with suitable examples. 20
- ✓ (b) Describe the importance of the Health Surveys in Public Health Practice.
- ✓ 5. (a) Describe the WHO guidelines for Drinking Water Quality. 20
- ✓ (b) Describe the effects of Urbanization.

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0410E095

Candidate's Seat No : 119

M.D. Examination

Community Medicine : Branch VII

Paper - III

(Vital Statistics, Statistical Methods Social Sciences Social Medicine, Industrial Health)

Date : 07-04-2010, Wednesday]

[Max. Marks : 100

Time : 3 Hours]

- Instructions : (1) Figure to the right indicates full marks.  
(2) Write legibly.  
(3) Draw diagram wherever necessary.

1. (a) List the Various Multi Variate Method of analysis. Describe the Simple Linear Regression Technique. 10 Marks
- (b) Describe the sources, Biological effects. Clinical Features , complications, Preventive and Control measures of **Asbestosis**. 10 Marks
2. (a) Define Meta-analysis. Describe its importance in Public Health practice. 10 marks
- (b) Differentiate between Sex and Gender. Discuss the "Gender Based Discrimination" in our country and the measures adopted for prevention and control. 10 Marks
3. (a) Discuss the Cultural practices affecting the Health and Disease in our country. 10 Marks
- (b) Define Equity. Describe the causes of inequality in health care and measures to reduce them. 10 Marks
4. (a) Define Health Promotion. Describe the steps in developing Health Promotion Intervention. 10 Marks
- (b) Define Quality of Care. Mention various dimensions of Quality and ways to measure it. 10 Marks
5. (a) Define Ergonomics and discuss its applications in Occupational Health. 10 Marks
- (b) Describe the concept, uses, criteria and application of Screening for Diseases. 10 Marks

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Candidate's Seat No : 119

M.D. Examination

Community Medicine : Branch VII

Paper - IV

(Modern Trends & Advances)

Date : 09-04-2010, Friday]

[Max. Marks : 100

Time : 3 Hours]

- Instructions :** (1) Figure to the right indicates full marks.  
 (2) Write legibly. Answer to the point.  
 (3) Draw diagram wherever necessary.

1. (a) Describe the Public Health Importance of Bio-markers. 10 Marks
- (b) Classify Disasters. Discuss the medical and Public Health aspects of Disaster response. 10 Marks
2. (a) Describe the Hospital waste management as per the National Guidelines. 10 Marks
- (b) Describe the Health Effects of Child Labour. 10 Marks
3. (a) Describe the Human Genome Project. 10 Marks
- (b) Discuss Bio-Terrorism as threat to Human lives. 10 Marks
4. (a) Describe the "Social Marketing Programs" in Health and Family Welfare. 10 Marks
- (b) Describe the role of "Verbal Autopsy" in measuring the causes of Mortality. 10 Marks
5. (a) Describe the role of "Trace Elements" in Health. 10 Marks
- (b) Provide your views on "Emergency Contraception". 10 Marks

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