

M.D. Examination  
Branch VII : Paper I  
Community Medicine

CT:U

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

Time : 3 Hours]

[Max. Marks : 100

- Instructions : (1) Write legibly, no marks are given for the material which can not be read.  
(2) Figure to the right indicate full marks.  
(3) Answer to the point, irrelevant writing decreases the value of answer.

- Q. 1 (a) Describe various indicators that are used to measure Maternal and Child Health problems.  
(b) Describe existing practices of School Health Services. Suggest the measures to improve it. (20)
- Q. 2 (a) Plan a suitable Screening Program for studying common cancers in women.  
(b) Discuss the epidemiology of Suicide. Suggest preventive and control measures. (20)
- Q. 3 (a) Describe the evolution of Public Health in India after independence.  
(b) Describe various Management Techniques and their role in management of health services. (20)
- Q. 4 (a) Describe briefly the Adolescent health problems and their management.  
(b) Describe the uses of Road-to-health chart. (20)
- Q. 5 (a) How will you assess the Mental health of the given population?  
(b) Describe the difference between the Community Medicine and Hospital Medicine. (20)

APR 11-2008

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Candidate's Seat No : 117

2008  
(MAY)

M.D. Examination  
Branch VII : Paper II  
Community Medicine

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(Epidemiology of Communicable and Non-Communicable diseases, Public health and Environmental Hygiene)

Time : 3 Hours]

[Max. Marks : 100

- Instructions : (1) Write legibly, no marks are given for the material which can not be read.  
(2) Figure to the right indicate full marks.  
(3) Answer to the point, irrelevant writing decreases the value of answer.

- Q. 1 (a) How will you investigate an outbreak of Hepatitis in a city of 4 lakh population.  
(b) Describe the effects of Alcohol drinking on health. (20)
- Q. 2 (a) Describe the measures for preventing Rheumatic Heart Disease.  
(b) Describe various health problems associated with Earthquake. How will you manage these problems? (20)
- Q. 3 (a) Compare the Accredited Social Health Activist and Community Health Worker.  
(b) Describe the causes of Air Pollution. State the associated health hazards. Mention the steps for prevention and control. (20)
- Q. 4 (a) Describe various methods of Excreta disposal in rural area.  
(b) How will you collect the samples for Bacteriological Examination of drinking water from various sources? How will you transport these samples to public health laboratory? Explain Presumptive Coliform Test. (20)
- Q. 5 (a) Describe the life cycle of Aedes mosquito. Describe its public health importance  
(b) Describe the life cycle of Sarcoptes scabiei. How will you treat and prevent the manifestations caused by it? (20)

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Candidate's Seat No : 117

M.D. Examination

Branch VII : Paper (III)

Community Medicine

(Vital Statistics, Statistical Methods,

Social Sciences, Industrial hygiene and Social Medicine)

Time : 3 Hours]

[Max. Marks : 100

- Instructions : (1) Write legibly, no marks are given for the material which can not be read.  
 (2) Figure to the right indicate full marks.  
 (3) Answer to the point, irrelevant writing decreases the value of answer.

- Q. 1 (a) What is Vital Statistics? What are the sources of it? How will you improve its quality?  
 (b) Illustrate with suitable example various types of Diagrammatic presentations of data. (20)
- Q. 2 (a) Describe the health hazards of Agricultural workers. State the measures for prevention and control.  
 (b) Describe the Epidemiology of Lead Poisoning in the workers. How will you control and prevent it? (20)
- Q. 3 (a) Describe the benefits of Employees' State Insurance scheme. (ESIS)  
 (b) Explain family cycle. Describe the types of family and advantages and disadvantages of each type. (20)
- Q. 4 (a) What is the difference between Case-control study and Cohort study? Describe their merits and demerits.  
 (b) Describe the role of Cultural factors in health and disease. (20)
- Q. 5 Describe various health problems associated with urbanization and industrialization. State the measures to prevent these problems. (20)

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Candidate's Seat No

M.D. Examination

Branch VII : Paper IV

Community Medicine

(Modern Trends and Recent Advances)

Time : 3 Hours]

[Max. Marks : 100

- Instructions : (1) Write legibly, no marks are given for the material which can not be read  
 (2) Figure to the right indicate full marks.  
 (3) Answer to the point, irrelevant writing decreases the value of answer.

- Q. 1 (a) What is Bioterrorism? Enumerate various biological weapons. Describe Bioterrorism Preparedness.  
 (b) Describe the health hazards seen in people working in Software industry. Suggest a plan to prevent and control such hazards. (20)
- Q. 2 (a) Describe the developments in the Leprosy control (NLEP) programme.  
 (b) Describe the evolution of vaccines used against the rabies in man. (20)
- Q. 3 (a) Suggest a plan to evaluate the National Rural Health Mission NRHM —  
 (b) How will you plan a Clinical trial to evaluate the drugs used in multi-drug resistant cases of tuberculosis? (20)
- Q. 4 (a) Write in brief about Evidence Based Medicine.  
 (b) Describe the Criteria of a vaccine to be included in the National Immunization Schedule. (20)
- Q. 5 (a) What is Avian Influenza? Describe a risk to human being. State prevention strategy.  
 (b) Describe the effects of Stress on the health in a modern life. Suggest a plan to reduce these effects. (20)