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M. D. Examination, 2010

COMMUNITY MEDICINE

Paper - I

Time : Three Hours] Maximum Marks :100

Note:- Answer all questions.

1. Describe Geomatics and Public Health impact on Human Migration and Re-emergence of vector born diseases. 25
2. Discuss about integration of disease surveillance in India. Current scenario and future perspective. 25
3. Write brief notes on:
 - (a) Health related indicators of Human Development Index. 10
 - (b) Probability. 10
 - (c) Quality assurance in laboratory. 10
 - (d) Ethical issue in medical practice. 10
 - (e) Swine Flu and New Vaccine. 10

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Note:- Attempt all questions.

1. Discuss global strategy for Malaria control. 20
2. Discuss role of behavioural sciences in management of social health problems with special reference to AIDS. 20
3. Discuss the utility and importance of statistics in community medicine. 20
4. Write short notes on:
 - (a) Concept of social security. 10
 - (b) Performance appraisal as an element of HRD. 10
 - (c) Confidence interval. 10
 - (d) Analysis in qualitative research.

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M. D. Examination, 2010

COMMUNITY MEDICINE

Paper - II

(Epidemiology)

Time : Three Hours]

Maximum Marks :100

Note:- Attempt all questions.

1. Describe the steps involved in carrying out an epidemiological investigation of an out break of "Swine Flu" in a city having a population of five lakhs. What measures of control will you apply? 20
2. "Air pollution contributes to many diseases in children and adults". Discuss. What preventive measures will you suggest? 20
3. Describe the application of epidemiological principles in the Universal Immunization Programme. 20

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4. Write short notes on the following: 4x10=40
 - (i) Attributable risk.
 - (ii) Uses of screening.
 - (iii) Occupational cancers.
 - (iv) Migration studies.

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M. D. Examination, 2010

COMMUNITY MEDICINE

Paper - III

Time : Three Hours] Maximum Marks :100

Note:- Attempt all questions.

1. What is surveillance? Describe in detail about the objectives and implementation of integrated disease surveillance project in India. 30
2. Describe the maternal mortality scenario in India and critically review the role of various interventions being taken up to reduce the same in the country. 30
3. Write short notes on the following: 10 each
 - (a) Family Life Education.
 - (b) VED analysis.
 - (c) SWOT analysis.
 - (d) Millennium development goals.

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M. D. EXAMINATION, 2010

COMMUNITY MEDICINE

Paper - IV

Time : Three Hours] [Maximum Marks : 100

Note :- All questions are compulsory.

1. Describe nutritional problems of public health importance in India. Discuss interventions to reduce mortality due to malnutrition in tribal area. 15
2. Enumerate rapid diagnostic tests used in various public health programs. Discuss HIV/AIDS testing policy. 15
3. Write short notes on :
 - (a) Common dietary beliefs and practices in India. 5
 - (b) Exclusive breast feeding. 5

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- (c) PFA Act. 5
- (d) Role of second dose in measles. 5
4. Discuss active immunity and role of immunoglobulin's in public health with suitable examples. 15
5. What is community diagnosis ? Describe its role and importance in prioritizing public health problems. 15
6. Discuss in brief :
 - (a) T-series vaccines. 5
 - (b) Group dynamics and team building. 5
 - (c) Sputum examination for diagnosis of tuberculosis. 5
 - (d) Counselling in public in public health. 5

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4495

M. D. Examination, 2011

**COMMUNITY MEDICINE
(Preventive and Social Medicine)**

Paper I

**(History of Community Medicine, Concepts in
Community Medicine, Epidemiology, National
Health Programmes)**

Time : Three Hours] [Maximum Marks : 100

Note : Write your roll no. on the top immediately on receipt of this question paper. Attempt all questions.

1. You as an expert member of a Task Force Committee are give responsibility of testing the efficacy of a new vaccination for Chickenpox. How will you design a study and conduct the same? 40

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2. Write short notes on : 10x3=30
 - (i) 30 cluster sampling technique
 - (ii) Surveillance under IDSP
 - (iii) Issues related to emergency contraceptives
3. Write short notes on : 10x3=30
 - (i) Steps approach
 - (ii) Down staging of cancers
 - (iii) Areas of concern in relation to National Mental Health Programme.

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M. D. Examination, 2011

COMMUNITY MEDICINE

(Preventive and Social Medicine)

Paper II

(Principles and Practice of Health Administration)

Time : Three Hours]

[Maximum Marks : 100

Note : Write your roll no. on the top immediately on receipt of this question paper. Attempt all questions.

1. What are the health services needs of Geriatrics? How will you plan and implement a health programme for Geriatrics in a district. 33

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2. Write short notes on :

- (i) Health financing in India. 16
(ii) Achievements in Millennium Development Goals and its implications for public health in India. 18

3. Write short notes on :

- (i) Inventory management. 17
(ii) Health sector reforms in secondary level care. 16

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M. D. Examination, 2011

COMMUNITY MEDICINE
(Preventive and Social Medicine)

Paper III

(Medical and Health Statistics, Nutrition,
Occupational Health and Environment
and Sanitation)

Time : Three Hours]

[Maximum Marks : 100

Note : Write your roll no. on the top immediately on receipt of this question paper. Attempt all questions.

1. How will you assess the environmental sanitation status in an urban slum with a view to control communicable diseases. 33

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2. Discuss briefly about :
 - (i) Health problems of Milk Dairy workers. 12
 - (ii) ICD-10 Coding system. 12
3. Write short notes on :
 - (i) What are different tests of significance? Discuss their application with the help of suitable examples. 33
 - (ii) HDL 10

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M. D. Examination, 2011

COMMUNITY MEDICINE

(Preventive and Social Medicine)

Paper IV

(Social and Behavioral Sciences, Research Methodology, Health Technology and Education)

Time : Three Hours]

[Maximum Marks : 100

Note : Write your roll no. on the top immediately on receipt of this question paper. Attempt all questions.

1. Outline the strength and weakness of Focus Group Discussion (FGD). Discuss the qualities which should be there in a facilitator in a FGD. 33

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2. Write short notes on :

- (i) Social security in India. 17
- (ii) Code of Medical Ethics. 16

3. Discuss in short :

- (i) Behaviour change communication in drug addiction. 18
- (ii) Objective Structured Practical Examination (OSPE). 16

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M.D. Examination, 2012

COMMUNITY MEDICINE

Paper - I

(Recent Advances Biostatistics National
and Global Health)

Time : Three Hours] [Maximum Marks : 100

Note : Attempt all questions.

1. Behaviour change communication and community participations are vital for the success of any health program. Discuss by giving examples reproductive and Child Health Program. 30
2. Answer in brief :
 - (a) Epidemiology of HINI influenza and out line the control measures. 15
 - (b) Role of life style behavior in coranary artery diseases. 15

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3. Write short notes on :

- (a) Randomized control trials 10
- (b) Hill's Criteria for association and causation 10
- (c) Control of nosocomial Infections 10
- (d) Surveillance 10

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M. D. Examination, 2012

COMMUNITY MEDICINE

Paper I

**(Recent Advances Biostatistics National
and Global Health)**

Time : Three Hours] [Maximum Marks : 100

Note :- Attempt all questions.

1. What is surveillance? Write in detail about the strengths and weaknesses in surveillance for HIV/AIDS in the country. 30
2. Answer in brief : 15x2
 - (a) Recent epidemic of Swine Flue in India.
 - (b) Increasing suicidal tendency in adolescent.
3. Write short notes on : 10x4
 - (a) IPHS for CHC

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- (b) Logistic Regression
- (c) Odds and Probability
- (d) Alzheimer's Disease



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M. D. Examination, 2012

COMMUNITY MEDICINE

Paper - II

**(Epidemiology, Occupational &
Environmental Health)**

Time : Three Hours] [Maximum Marks : 100

Note : Attempt all questions.

1. What are the challenges of geriatric health care?
Outline a plan for integrated geriatric health services program for a district.
2. Answer in brief :
 - (a) Outline the organizational structure of Disaster Management in India. How will you organize health services in disasters with special referene to natural calamities?
 - (b) Health hazards of noise pollution and its prevention and control measures : 15

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3. Write short notes on : 40
 - (a) Decentralization in health administration.
 - (b) Operations research
 - (c) Material Management at a Community Health Center.
 - (d) Janani Suraksha Yojna

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M. D. Examination, 2012

COMMUNITY MEDICINE

Paper II

**(Epidemiology : Occupational and
Environmental Health)**

Time : Three Hours] [Maximum Marks : 100

Note :- Attempt all questions.

1. Reasons for increase burden of non communicable diseases in India. Write the epidemiology and control measures of Diabetes.
2. Answer in brief : 15x2
 - (a) Discuss corporate social responsibility to combat malaria.
 - (b) Segregation and terminal disposal of hospital waste.

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3. Write short notes on : 10x4
- (a) Disaster mitigation
 - (b) Medical tourism
 - (c) Human development index
 - (d) Enumerate the tools of Advocacy
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M. D. Examination, 2012

COMMUNITY MEDICINE

Paper - III

**(Public Health School Health Maternal
and child Health Hospital Administration
National Health Program)**

Time : Three Hours] [Maximum Marks : 100

Note : Attempt all questions.

1. Describe the status of environment sanitation in India. Critically review the national water and sanitation program and give recommendations for improvement.
2. Discuss the nutritional status of children in India. Review the various components of national nutrition policy to improve the nutritional status of children in India.

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3. Write short notes on :
 - (a) Tests of significance
 - (b) Ergonomics
 - (c) Role of Geographic information system in malaria control
 - (d) Salient features of Census 2011

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M. D. Examination, 2012

COMMUNITY MEDICINE

Paper III

**(Public Health School, Health Maternal
and Child Health Hospital Administration,
National Health Program)**

Time : Three Hours] [Maximum Marks : 100

Note :- Attempt all questions.

1. Critically review health management information system in India. Suggest ways and means to improve the system at a district level. 30
2. What is PLA? Describe the various methods of PLA and discuss about their advantages and disadvantages. 30

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3. Write short notes on :

10x4

- (a) Counselling of adolescents
- (b) Cx cancer vaccine
- (c) Health effects of global warming
- (d) Demographic cycle

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M. D. Examination, 2012

COMMUNITY MEDICINE

Paper - IV

**(Applied Nutrition Microbiology
Immunology and Social Sciences)**

Time : Three Hours] [Maximum Marks : 100

Note : Attempt all questions.

1. Critically review the behavior change communication strategies in National AIDS Control program in India. How to evaluate these strategies.
2. Discuss the mental health problems in India. Describe the objectives, strategies and status of the National Mental Health program in India.
3. Write short notes on :
 - (a) Systems analysis
 - (b) Ethnography
 - (c) Micro-teaching
 - (d) Social Pathology