

March 2009

[KU 156]

Sub. Code: 2051

M.D. DEGREE EXAMINATION

Branch XV – COMMUNITY MEDICINE
(Common to all candidates)

Paper I – TROPICAL MEDICINE AND PUBLIC HEALTH
BASIC SCIENCES IN COMMUNITY MEDICINE

Q.P. Code : 202051

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary

Answer ALL questions

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

1. Health is multidimensional. Critically comment on this statement. Give a brief account of the changing concepts of health.
2. Discuss in detail the procedures adopted for different sampling methods.

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

1. Prevention and control of parasitic infections.
2. Standardized death rate.
3. Rehabilitation services for severely malnourished children in rural areas.
4. Disability adjusted life years (DALY).
5. Aflatoxins.
6. Minimum standards for slaughter houses.
7. Nutritional blindness.
8. Social engineering phase in public health.
9. Prevention and control of noise pollution.
10. Prevention of Food Adulteration Act (PFA – Act)

September 2009

[KV 156]

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Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary

Answer ALL questions

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

1. Write about the differences between monitoring and surveillance giving suitable examples. Discuss the national disease surveillance programme.
2. Write about anthropology in public health and describe the role of socio-culture factors in health and disease.

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

1. Organizational behaviour.
2. National health account.
3. Write in brief about social paediatrics.
4. What is the role of correlation and regression coefficient in statistical analysis?
5. Write about consumer protection act in health care setting.
6. Define counselling, role of counseling in disease management.
7. Social rehabilitation.
8. Bacteriological analysis of water.
9. Physical quality of life index.
10. Notification of disease.

March 2010

[KW 156]

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M.D. DEGREE EXAMINATION

Branch XV – COMMUNITY MEDICINE

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

**TROPICAL MEDICINE AND PUBLIC HEALTH
BASIC SCIENCES IN COMMUNITY MEDICINE**

Q.P. Code : 202051

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary

Answer ALL questions

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

1. Describe various changing concepts in history of public health and add a note on medical and healthcare revolution that lead to progression in health today.
2. Outline a plan for detection of social problems in a metropolitan city. Mention the various strategies to be followed for their management.

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

1. Tests of significance.
2. Health education approach for a primitive society.
3. Investigation of an epidemic of meningococcal meningitis.
4. Avian influenza.
5. Brief about 'clinical horizon' and its significance in diseases control.
6. Randomised controlled trial design and types in epidemiology.
7. Vital statistics.
8. Iatrogenic infections.
9. Frequency polygon.
10. Sentinel surveillance.
