

**MANIPAL ACADEMY OF HIGHER EDUCATION**

(Deemed University)

**FINAL MBBS PART – I (NEW REGULATION) DEGREE EXAMINATION – JANUARY 2005****SUBJECT: COMMUNITY MEDICINE - PAPER – I**

Tuesday, January 18, 2005

Time : 3 Hrs.

Max. Marks: 60

- All questions are compulsory.
- Illustrate your answers with suitable diagrams wherever necessary.

1. Define Epidemiology and discuss.
  - 1A. the methods to test an association between a risk factor and disease.
  - 1B. state the strength of association is measured.
  - 1C. enumerate the uses of Epidemiology.

(2+2+3+3 = 10 marks)
2. Discuss malaria under following headings:
  - 2A. Magnitude of problem.
  - 2B. Malariometric indices.
  - 2C. Current strategies to control malaria.

(2+3+5 = 10 marks)
3. Discuss primordial prevention with examples.
 

(4 marks)
4. Write short notes on Human Development index.
 

(4 marks)
5. Define randomization. Discuss the need of randomization in randomized control trials.
 

(1+3 = 4 marks)
6. National Immunization schedule for under fives.
 

(4 marks)
7. Define screening. Discuss the necessity of screening with examples.
 

(1+3 = 4 marks)
8. Write briefly on sanitation barrier.
 

(4 marks)
9. Write short notes on BCG vaccination.
 

(4 marks)
10. Discuss the management of Cholera epidemic.
 

(4 marks)
11. Universal precautions in HIV/AIDS.
 

(4 marks)
12. Discuss standard case management of a case of ARI in children.
 

(4 marks)



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**FINAL MBBS PART – I (NEW REGULATION) DEGREE EXAMINATION – JANUARY 2005****SUBJECT: COMMUNITY MEDICINE - PAPER – II**

Wednesday, January 19, 2005

Time: 3 Hrs.

Max. Marks: 60

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- All questions are compulsory.
  - Illustrate your answers with suitable diagrams wherever necessary.
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1. Define perinatal mortality. Enumerate the causes and preventive measures. (10 marks)
2. Describe PEM in children. What are the causes in rural areas? (10 marks)
3. Write briefly on RCH programme. (4 marks)
4. Describe health problem of school children. (4 marks)
5. What are conventional contraceptives? Describe the advantages and disadvantages. (4 marks)
6. Write briefly on couple protection rate in India. (4 marks)
7. What is food adulteration? Give suitable examples. (4 marks)
8. Describe the principles of primary health care. (4 marks)
9. Barriers of communication at health education camps. (4 marks)
10. Write briefly on genetic counseling. (4 marks)
11. Obesity and the health hazard. Describe. (4 marks)
12. ESI and its benefits. Enumerate. (4 marks)



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**FINAL MBBS PART – I DEGREE EXAMINATION – JUNE 2005****SUBJECT: COMMUNITY MEDICINE - PAPER – I**

Tuesday, June 14, 2005

Time : 3 Hrs.

Max. Marks: 60

**☞ All questions are compulsory.****☞ Illustrate your answers with suitable diagrams wherever necessary.**

1. Define epidemiology. Enumerate the methods. Highlight the salient features of descriptive epidemiology. (10 marks)
2. Enumerate arboviral diseases. Describe the epidemiological features of KFD. (10 marks)
3. Write short notes on explosive epidemics. (4 marks)
4. Describe normal distribution curve. (4 marks)
5. Write briefly on screening for diseases. (4 marks)
6. What is carrier state? Enumerate the types with suitable examples. (4 marks)
7. What is medical rehabilitation with reference to Post Polio Residual Paralysis (PPRP)? (4 marks)
8. What are the indicators of health? (4 marks)
9. Describe MDT in Leprosy. (4 marks)
10. Cereal based oral rehydration solution. (4 marks)
11. Describe active surveillance in Malaria. (4 marks)
12. Write briefly on radiation hazard. (4 marks)



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**FINAL MBBS PART – I DEGREE EXAMINATION – JUNE 2005****SUBJECT: COMMUNITY MEDICINE - PAPER – II**

Wednesday, June 15, 2005

Time: 3 Hrs.

Max. Marks: 60

✍ **All questions are compulsory.**

✍ **Illustrate your answers with suitable diagrams wherever necessary.**

- 1A. Define antenatal care.  
1B. Enumerate the objectives of antenatal care.  
1C. What are the services that are provided under antenatal care. (2+3+5 = 10 marks)
- 2A. Discuss the causes of protein energy malnutrition among under fives.  
2B. Describe the methods of nutritional assessment. (4+6 = 10 marks)
3. Short notes on Pearl index. (4 marks)
4. Define infant mortality rate. Discuss the factors influencing IMR in India. (1+3 = 4 marks)
5. Discuss the importance of anthropometric measurements to assess physical growth in under five children. (4 marks)
6. Write short notes on Safe period (Rhythm method). (4 marks)
7. Enumerate the functions of junior health assistant male. (4 marks)
8. Discuss the principles of Health education. (4 marks)
9. Describe the services provided by UNICEF focusing on child health. (4 marks)
10. Discuss the measures that can be undertaken to bring down the prevalence of hypertension in a community. (4 marks)
11. Discuss the strategies of cancer control. (4 marks)
12. Sickness absenteeism. (4 marks)



# MANIPAL ACADEMY OF HIGHER EDUCATION

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**FINAL MBBS PART – I DEGREE EXAMINATION – DECEMBER 2005**

**SUBJECT: COMMUNITY MEDICINE - PAPER – I**

Tuesday, December 06, 2005

Time : 3 Hrs.

Max. Marks: 60

**All questions are compulsory.**

**Illustrate your answers with suitable diagrams wherever necessary.**

- 1A. Classify the epidemiological studies.
- 1B. Explain any one of the epidemiological studies under following heads:
  - i) Steps involved in conducting the study
  - ii) Merits and demerits of the study.

(3+(4+3) = 10 marks)
2. Describe HIV/AIDS under the following heads:
  - 2A. Window period and its significance.
  - 2B. Modes of prevention of parent to child transmission.
  - 2C. Universal work precautions.

(3+4+3 = 10 marks)
3. Explain various modes of transmission of arthropod borne diseases giving suitable examples.
 

(4 marks)
4. Explain the difference between vaccination and immunization. Enumerate the hazards of immunization.
 

(1+3 = 4 marks)
5. Explain levels of prevention in relation to natural history of a communicable disease giving suitable examples.
 

(4 marks)
6. What are the disability indicators? Briefly explain.
 

(4 marks)
7. What are the criteria for the selection of a screening test for a disease? Explain.
 

(4 marks)
8. Describe the normal distribution curve.
 

(4 marks)
9. Explain diagnosis of Tuberculosis according to RNTCP.
 

(4 marks)
10. Discuss role of antibiotics in a case of acute diarrhoeal diseases.
 

(4 marks)
11. How to manage a case of hookworm infestation as a community health physician?
 

(4 marks)
12. Enumerate the indicators of air pollution. Mention the methods to control air pollution.
 

(4 marks)



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**FINAL MBBS PART – I DEGREE EXAMINATION – DECEMBER 2005**

**SUBJECT: COMMUNITY MEDICINE - PAPER – II**

Wednesday, December 07, 2005

Time: 3 Hrs.

Max. Marks: 60

**All questions are compulsory.**

**Illustrate your answers with suitable diagrams wherever necessary.**

1. Define maternal mortality rate. Enumerate the causes and describe preventive methods. (2+4+4 = 10 marks)
2. Discuss nutritional anaemia under the following heads:
  - 2A. Causes
  - 2B. Adverse effect on health
  - 2C. Management
 (3+3+4 = 10 marks)
3. Explain juvenile delinquency and suggest preventive measures. (4 marks)
4. Enumerate all primary preventive measures used in child health. (4 marks)
5. Classify temporary methods of family planning. Suggest the family planning method to a couple who are HIV positive. (3+1 = 4 marks)
6. Explain the demographic cycle with examples. (4 marks)
7. Discuss grass root level health workers in the villages with reference to types and job description. (1+3 = 4 marks)
8. Enumerate food toxicants. Suggest preventive measures of intoxication by a "Storage Fungus". (1+1+2 = 4 marks)
9. Explain briefly the principles of health education giving examples. (4 marks)
10. What are the functions of UNICEF with reference to child care? (4 marks)
11. Discuss the preventive measures of lead poisoning. (4 marks)
12. Briefly discuss prevention of avoidable blindness. (4 marks)

