

# MANIPAL ACADEMY OF HIGHER EDUCATION

Deemed University

## FINAL MBBS PART – I (NEW REGULATION) DEGREE EXAMINATION

### SUBJECT: COMMUNITY MEDICINE - PAPER – I

Thursday, 03 May 2001

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. Enumerate the different modes of transmission of a communicable disease. Discuss the vector borne transmission and measures to control the same. (2+3+5=10 marks)
2. Discuss poliomyelitis under the following headings:
  - 2A. The magnitude of the problem in India.
  - 2B. Salient epidemiological and clinical features.
  - 2C. The current strategy to eradicate poliomyelitis. (1+4+5=10 marks)
3. Define incubation period. Explain the epidemiological importance of incubation period. (2+2=4 marks)
4. Discuss the role of family in health and disease with suitable examples. (4 marks)
5. What is census? What is the information gathered through census and what are its uses? (2+2=4 marks)
6. What is bias? Enumerate the different types of bias in case control studies. (4 marks)
7. Define primordial prevention with suitable examples. (4 marks)
8. Enumerate the differences between screening test and diagnostic test. (4 marks)
9. Standard case management of acute respiratory infections (ARI). (4 marks)
10. What are the indications for anti-rabies treatment? What are the advantages of tissue culture vaccines over the nervous tissue vaccines? (2+2=4 marks)
11. Write a short notes on immunization against hepatitis B infections. (4 marks)
12. What is potable water? Describe the bacteriological standards of drinking water. (1+3=4 marks)

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## FINAL MBBS PART – I (NEW REGULATION) DEGREE EXAMINATION

### SUBJECT: COMMUNITY MEDICINE - PAPER – II

Friday, 04 May 2001

Time : 3 Hrs.

Max. Marks : 60

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

1. Describe the aetiology of protein energy malnutrition. Describe how protein energy malnutrition can be assessed in a child. Outline preventive and control measures. (3+3+4=10 marks)
2. What are the objectives of a diet survey? Describe the different methods of conducting a diet survey. What is the recommended daily allowance of fat? Describe adverse effect of increased amount of fat in our daily diet. (2+4+2+2=10 marks)
3. What are the objectives of underfive clinic? Describe the components of underfive clinic. (2+2=4 marks)
4. What is maternal death? Enumerate the causes of maternal mortality in India (2+2=4 marks)
5. What are the national demographic goals for 2000 AD? Enumerate the measures to reduce birth rate in India. (2+2=4 marks)
6. What is current crude birth rate in India? Describe the factors which affect fertility of a population. (1+3=4 marks)
7. What are the effects of nutritional anaemia in pregnancy? Suggest the preventive and control measures. (2+2=4 marks)
8. Enumerate the functions of a primary health centre. What is the population covered by a primary health centre? (3+1=4 marks)
9. Enumerate the key messages and the target population for educating people about HIV infection and AIDS. (4 marks)
10. Enumerate the health problems of the aged and measures to control them. (2+2=4 marks)
11. What are the danger signals of cancer? Enumerate the functions of different types of cancer registries. (2+2=4 marks)
12. Preplacement examination and periodic examination for industrial workers. (4 marks)

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FINAL MBBS PART – I (NEW REGULATION) DEGREE EXAMINATION – NOVEMBER 2001

SUBJECT: COMMUNITY MEDICINE - PAPER – I

Tuesday, 20 November 2001

Time : 3 Hrs.

Max. Marks : 60

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

1. What is analytical Epidemiology? Describe the framework of a cohort study. Discuss the significance of relative risk and attributable risk. What are the merits and demerits of a cohort study?  
(2+4+2+2=10 marks)
2. Discuss the Acquired Immuno Deficiency Syndrome (AIDS) under the following headings:
  - 2A. Magnitude of the problem in developing and developed countries.
  - 2B. Natural history inclusive of clinical features
  - 2C. Modes of transmission
  - 2D. Preventive and control measures(2+3+2+3=10 marks)
3. What is disinfection? Enumerate the types of disinfection. How would you disinfect sputum of tuberculosis patients?  
(1+1+2=4 marks)
4. Describe the different ways of presentation of statistical data with suitable diagrams.  
(4 marks)
5. What is primary prevention? Describe primary prevention of coronary heart disease.  
(1+3=4 marks)
6. Describe the different methods of vector borne transmission with examples.  
(4 marks)
7. Define health. Explain the various dimensions of health.  
(1+3=4 marks)
8. What do you mean by reproducibility or reliability of a screening test? Explain with suitable examples.  
(2+2=4 marks)
9. Describe the mode of transmission of plague. Outline the control measures.  
(2+2=4 marks)

PLEASE TURN OVER

10. Describe the administrative set up and functions of Survey, Education and Treatment (SET) centre.

(2+2=4 marks)

11. Briefly describe the Pulse Polio Immunization strategy for the eradication of Poliomyelitis.

(4 marks)

12. What is the significance of Ozone layer? What are the causes for depletion of Ozone layer and its long term effects on human health?

(1+1+2=4 marks)

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FINAL MBBS PART – I (NEW REGULATION) DEGREE EXAMINATION – NOVEMBER 2001

SUBJECT: COMMUNITY MEDICINE - PAPER – II

Wednesday, 21 November 2001

Time : 3 Hrs.

Max. Marks : 60

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

1. What are the objectives of Integrated Child Development Scheme (ICDS). Enumerate the beneficiaries and describe the package of services under the scheme. Describe the job responsibility of Anganwadi worker.  
(2+3+3+2=10 marks)
2. What are trace elements? Enumerate the trace elements that are essential for the body. Describe clinical features and prevention of any one trace element deficiency disorder.  
(1+2+3+4=10 marks)
3. Etiology and prevention of anaemia in pregnancy.  
(2+2=4 marks)
4. Prevention of low birth weight babies.  
(4 marks)
5. What is family planning? Enumerate the national demographic goals.  
(2+2=4 marks)
6. Describe the objectives and indications of Medical Termination of Pregnancy.  
(1+3=4 marks)
7. What are the sources of polyunsaturated fatty acids in our daily diet? What is its significance?  
(2+2=4 marks)
8. What is appropriate technology in primary health care? Give suitable examples.  
(4 marks)
9. Health education to mothers for the control of ARI among underfives.  
(4 marks)
10. Describe the chromosomal abnormalities and clinical features in Down's syndrome. How the problem could be minimized.  
(2+2=4 marks)
11. Briefly outline the strategies under National Cancer Control Programme.  
(4 marks)
12. International Labour Organization.  
(4 marks)

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