

MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL MBBS PART – I DEGREE EXAMINATION – JUNE 2021
SUBJECT : COMMUNITY MEDICINE – PAPER - I (ESSAY)

Tuesday, June 22, 2021

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

Long questions:

1. Classify epidemiological studies. Explain the steps involved in conducting a case- control study with suitable examples. (3+7 = 10 marks)
2. Discuss the strategy for tuberculosis control under NTEP. (10 marks)
3. **Write short notes on:**
 - 3A. Define health. Explain the various determinants of health. (4 marks)
 - 3B. Explain the role of family in health and disease (4 marks)
 - 3C. Differentiate isolation from quarantine giving suitable examples (4 marks)
 - 3D. Uses of epidemiology (4 marks)
 - 3E. Successful parasitism (4 marks)
 - 3F. Herd immunity (4 marks)
 - 3G. Define screening. What are the uses of screening? (1+3 = 4 marks)
 - 3H. List the sources of health information. Explain any one in detail. (2+2 = 4 marks)
 - 3I. Carriers in cholera (4 marks)
 - 3J. The preventive measures of Japanese encephalitis. (4 marks)
 - 3K. Post exposure prophylaxis in rabies (4 marks)
 - 3L. Enumerate the diseases spread by rodents. Discuss anti-rodent measures. (4 marks)
 - 3M. Indicators of air pollution (4 marks)
 - 3N. Swimming pool sanitation (4 marks)
 - 3O. Mention MDT regimen in multibacillary leprosy. (4 marks)



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Wednesday, June 23, 2021

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ **All questions are compulsory.**

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

✍ **Essay questions:**

1. What is perinatal mortality rate? List out its important causes. Briefly discuss the preventive and social measures taken to reduce the same.

(1+3+6 = 10 marks)

2. Enumerate the objectives of NPCDCS program. Explain the activities carried out at different levels of health care under the Diabetes, Cardiovascular Disease and Stroke component of the program.

(4+6 = 10 marks)

3. **Short Notes:**

3A. Define Disaster. Briefly explain the disaster cycle.

3B. Functions of the World Health Organisation.

3C. Advantages of Exclusive breast feeding.

3D. What are the interventions for the prevention of low birth weight?

3E. Briefly describe IMNCI case management process

3F. What is Net reproduction rate? Add a note on its significance.

3G. Demographic cycle.

3H. Rule of Halves

3I. Medical benefits under the ESI Act.

3J. Principles of Primary Health Care.

3K. Food fortification

3L. Dietary antioxidants

3M. Food standards

3N. Role of zinc in health

3O. Barriers for Health Education and Communication

(4 marks × 15 = 60 marks)

