

# Question Paper

Exam Date & Time: 08-03-2023 (10:20 AM - 01:00 PM)



**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**THIRD PROFESSIONAL YEAR MBBS DEGREE EXAMINATION – MARCH 2023**  
**SUBJECT: COMMUNITY MEDICINE - PAPER I**  
**(CBME BATCH – REPEATER)**

Marks: 80

Duration: 160 mins.

**All questions are compulsory.**

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

**Long questions:**

1. Classify Epidemiological studies. Describe the steps involved in the study to identify the risk factors of a rare disease. (4+6 = 10)
  
2. 35 year old male construction worker from North Eastern state presented to casualty of Government Hospital with fever, jaundice and impaired consciousness.
  - 2A) What is the most probable diagnosis and the causative agent? (2)
  - 2B) Describe the clinical stages of above condition. (2)
  - 2C) Describe the current Government of India Guidelines for diagnosis and treatment for above condition. (3+3 = 6)

**3. Short questions:**

- 3A) State the Vision and Pillars of End TB Strategy. (1+3 = 4)
- 3B) Enumerate National Tuberculosis Elimination Programme endorsed Tuberculosis diagnostics. (4)
- 3C) Describe the epidemiological indices to measure the Tuberculosis burden. (4)
- 3D) Discuss the eligibility criteria of Post Exposure Prophylaxis for HIV. (4)
- 3E) A 2 year old baby with a history of diarrhea brought to PHC by parents. On examination, the child was unconscious with sunken eyeball. Discuss the management of this condition as per the Integrated Management of Neonatal and Child Illness guidelines. (4)
- 3F) Differentiate between Primordial and primary levels of prevention. (2+2 = 4)
- 3G) Describe the concept of iceberg of disease with diagram. (3+1 = 4)
- 3H) By taking an example of Maternal Mortality Ratio, describe the characteristics of an ideal indicators of health. (4)
- 3I) Discuss the various disability rates. (4)
- 3J) Enumerate the disease criteria for screening. (4)
- 3K) Discuss about indicators and Health effects of Air pollution. (2+2 = 4)

- 3L) Apply the concept of sanitation barrier in prevention of Cholera infection. (4)
- 3M) Briefly discuss about acculturation. (4)
- 3N) Describe Standard Normal Curve with suitable diagram. (3+1 = 4)
- 3O) 55 year old female presented to hospital with lump in the breast and joint pain. On evaluation, she was found to have Stage IV Carcinoma of breast. As a treating physician, how will you communicate the diagnosis to her? (4)

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# Question Paper

Exam Date & Time: 10-03-2023 (10:20 AM - 01:00 PM)



**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**THIRD PROFESSIONAL YEAR MBBS DEGREE EXAMINATION – MARCH 2023**  
**SUBJECT: COMMUNITY MEDICINE - PAPER II**  
**(CBME BATCH – REPEATER)**

Marks: 80

Duration: 160 mins.

**All questions are compulsory.**

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

**Long questions:**

1. Define Infant Mortality Rate. Explain the factors affecting infant mortality. Add a note on preventive and social measures for reduction of IMR. (2+4+4 = 10)
2. On routine school health examination, Medical Officer observed that few students are having pearly white triangular spots on the conjunctiva.
  - 2A) What is the most probable diagnosis? Substantiate. (2)
  - 2B) Describe the manifestations of the above condition. (4)
  - 2C) Describe the prevention and control measures for the above condition. (4)

**3. Short questions:**

- 3A) Describe the components of Kangaroo Mother Care. (4)
- 3B) Describe the uses of growth chart. (4)
- 3C) Explain the concept of Child Guidance Clinic. (4)
- 3D) Discuss about the geriatric health problems in India. (4)
- 3E) Briefly describe the Clinical Features and Preventive measures for Lathyrism. (2+2 = 4)
- 3F) Plan a balanced diet based on the principles of Prudent diet. (4)
- 3G) Enumerate the early warning signs (danger signals) of cancer. (4)
- 3H) Describe the various tests for Screening of Diabetes Mellitus. (4)
- 3I) Explain the epidemiological determinants of blindness. (4)
- 3J) Discuss the hazards of Obesity. (4)
- 3K) A middle aged worker employed in Battery industry came to the hospital with complaints of abdominal pain, constipation and loss of appetite. On examination, he was found to have blue line on the gums. What might be the probable diagnosis? Discuss about Preventive measures. (1+3 = 4)

- 3L) Differentiate between Health Education and Propaganda. (4)
- 3M) Epidemiologic Surveillance and Disaster Control plays a crucial role during disaster- Justify. (4)
- 3N) Justify the statement: Hospital waste- The dark side of healthcare. (4)
- 3O) Discuss the various functions of World Health Organization. (4)

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