

MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL MBBS PART – I DEGREE EXAMINATION – JUNE 2023

SUBJECT : COMMUNITY MEDICINE – PAPER - I (ESSAY)
(OLD REGULATION)

Friday, June 02, 2023

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ **All questions are compulsory.**

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

✍ **Long questions:**

1. Discuss Tuberculosis under following heads:

1A. Diagnostic algorithm for Pulmonary Tuberculosis under Revised National Tuberculosis Control Program (RNTCP)

1B. Pretreatment evaluation

1C. Management of an adult drug sensitive TB patient according to RNTCP

(3+2+5 = 10 marks)

2. You have to evaluate the effect of a new drug over the existing one for a certain disease.

Discuss the epidemiological study you would conduct under the following heads:

2A. Basic steps involved with examples

2B. Types of measures you adopt to minimize the systematic error in the determination of association between exposure to these two treatments and the disease

(8+2 = 10 marks)

3. **Short notes:**

3A. Discuss briefly the ecology of health.

3B. Discuss different aspects of medical sociology.

3C. What is incidence rate? Discuss briefly any TWO special incidence rates.

3D. Mention the modes of disease transmission of infectious disease with an example for each.

3E. Mention any FOUR guidelines of Open Vial Policy.

3F. Discuss any FOUR health advices to the travelers visiting developing countries

3G. Discuss briefly the measures used to evaluate a screening test.

3H. Briefly discuss any EIGHT sources of health information.

3I. Discuss control measures of Leishmaniasis

3J. Ayushman Bharat programme

3K. Treatment of Falciparum malaria in Udupi district.

3L. First line antiretroviral treatment for adults according to the WHO 2016 guidelines

3M. Discuss epidemiology of Nipah virus disease

3N. Discuss biological effect of radiation

3O. Discuss methods of composting

(4 marks × 15 = 60 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL MBBS PART – I DEGREE EXAMINATION – JUNE 2023

SUBJECT : COMMUNITY MEDICINE – PAPER - II (ESSAY)
(OLD REGULATION)

Monday, June 05, 2023

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ Answer all the questions.

✍ Long questions:

1. Define Low Birth Weight. Discuss its causes, treatment and preventive measures in detail.
(1+3+3+3 = 10 marks)

2. Discuss Road Traffic Accidents (RTA) under the following heading:

2A. Risk factors

2B. Prevention

(4+6 = 10 marks)

3. Short notes:

3A. Define Infant Mortality Rate (IMR) and briefly discuss the measures to bring down the rate.

3B. Integrated Child Development Service scheme

3C. Discuss the common problems of elderly in India.

3D. Health aspects of family planning services

3E. Enumerate the types, advantages and contraindications of Intra Uterine Devices (IUDs)

3F. Briefly discuss the measures to prevent Protein Energy Malnutrition among under-five children in the community.

3G. Prevention and Control of Iodine deficiency disorders.

3H. Food fortification.

3I. Enumerate the nutritional assessment methods. Explain any one briefly.

3J. Discuss the principles of Primary Health Care.

3K. Disaster preparedness.

3L. Barriers of communication.

3M. Briefly discuss the functions of World Health Organization.

3N. Describe the risk factors for Hypertension.

3O. Explain briefly the causes, preventive and control measures of cervical cancer

(4 marks × 15 = 60 marks)

