

MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL MBBS PART – I DEGREE EXAMINATION – JUNE/JULY 2022
SUBJECT : COMMUNITY MEDICINE – PAPER - I (ESSAY)

(2018-19 Batch Repeater)

Wednesday, June 29, 2022

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ **All questions are compulsory.**

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

1. Define association and enumerate the various types. Discuss the additional criteria that determine an association to be causal. (4+6=10 marks)
2. Describe the natural history of tuberculosis and its programmatic management in India. (10 marks)
3. **Short Answers:**
 - 3A. Describe Biological Determinants of health (4 marks)
 - 3B. Describe physical quality of life index (4 marks)
 - 3C. Discuss the design of randomized control trial (4 marks)
 - 3D. Discuss the term ‘multifactorial causation of disease’ (4 marks)
 - 3E. Differentiate between Isolation and Quarantine (4 marks)
 - 3F. Confounding factor in analytical studies (4 marks)
 - 3G. Criteria for screening a disease (4 marks)
 - 3H. Enumerate the various sources of health information. Briefly discuss any one (1 + 3 = 4 marks)
 - 3I. Treatment of falciparum malaria (4 marks)
 - 3J. Describe the post exposure prophylaxis in rabies (4 marks)
 - 3K. Dengue shock syndrome (4 marks)
 - 3L. Mode of transmission and management of leptospirosis. (4 marks)
 - 3M. Method of Chlorination of water (4 marks)
 - 3N. Integrated vector control measures (4 marks)
 - 3O. Biological effects of radiation (4 marks)



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FINAL MBBS PART – I DEGREE EXAMINATION – JUNE/JULY 2022
SUBJECT : COMMUNITY MEDICINE – PAPER - II (ESSAY)

(2018-19 Batch Repeater)

Thursday, June 30, 2022

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ **All questions are compulsory.**

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

1. Write the Objectives of Antenatal Care. Enumerate & Explain the services provided to Pregnant and Lactating mothers under Reproductive & Child Health Programme.
(4+6 = 10 marks)

2. Describe the “Risk Factors” of Hypertension. Discuss the Strategies for Prevention of Hypertension.
(5+5 = 10 marks)

3. Short Questions:

3A. Stages of Demographic Cycle.

3B. Mechanism of Action and Side Effects of Intra Uterine Contraceptive Devices

3C. Objectives of Post-natal Care.

3D. Criteria for a “Baby Friendly Hospital”.

3E. Growth Chart used in India and its uses.

3F. Types, Sources & uses of “Dietary Fibre”.

3G. Define “Balanced Diet”. Enumerate “Dietary Goals”.

3H. Strategy for prevention & control of “Iron Deficiency Anaemia” in India.

3I. Milk-Borne Diseases and methods of Pasteurization.

3J. “Elements” of Primary Health Care.

3K. “Group Approach” methods in “Health Communication”.

3L. Triaging in disaster management.

3M. Genetic syndromes relating to abnormalities of Sex Chromosomes.

3N. Tobacco Control legislation.

3O. “Lead Poisoning”: Clinical Features & Preventive Measures.

(4 marks × 15 = 60 marks)

