

**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**FINAL MBBS PART – I DEGREE EXAMINATION – JUNE 2019**  
**SUBJECT : COMMUNITY MEDICINE – PAPER - I (ESSAY)**

Thursday, June 06, 2019

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 the diagnosis and management of Pulmonary Tuberculosis among adults under RNTCP.

(6+4 = 10 marks)

2. Discuss the additional criteria for “judging the causality” of association.

(10 marks)

3. **Short questions:**

3A. Human Development Index

3B. Role of family in health and disease

3C. Limitations of mortality data

3D. Point source epidemic

3E. Direct mode of transmission of disease with examples

3F. Adverse Events Following Immunization

3G. Uses of screening

3H. Sample Registration System of India

3I. Congenital Rubella Syndrome

3J. Prevention of Hepatitis B infection

3K. Types of HIV epidemics

3L. Treatment of uncomplicated Malaria in adults

3M. Indices of thermal comfort

3N. Effects of air pollution

3O. Integrated Vector Control

(4 marks × 15 = 60 marks)



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**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**FINAL MBBS PART – I DEGREE EXAMINATION – JUNE 2019**  
**SUBJECT : COMMUNITY MEDICINE – PAPER - II (ESSAY)**

Friday, June 07, 2019

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

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✍ All questions are compulsory.

✍ Illustrate your answers with suitable diagrams wherever necessary.

✍ Long questions:

1. Define Maternal Mortality Ratio (MMR). Enumerate the approaches to capture Maternal Mortality data from the community. Discuss the determinants of maternal mortality in India.  
(2+3+5 = 10 marks)

2. Discuss the primary and secondary levels of prevention in Cancer. Describe the screening methods available for common cancers in India.  
(7+3 = 10 marks)

3. Short Notes:

3A. Specific health protection measures during antenatal period  
(4 marks)

3B. 'At risk' infants  
(4 marks)

3C. Juvenile delinquency-causes and prevention  
(4 marks)

3D. Factors affecting fertility  
(4 marks)

3E. Advantages and disadvantages of condoms  
(4 marks)

3F. Ocular manifestations of Vitamin A deficiency  
(4 marks)

3G. Enumerate the methods of nutritional status assessment. Describe any one method in detail.  
(2+2 = 4 marks)

3H. What is food fortification? Enlist the criteria to be fulfilled by the vehicle and nutrient to qualify for fortification.  
(1+3 = 4 marks)

3I. Food guide pyramid  
(4 marks)

- 3J. Functions of Primary Health Centre (4 marks)
- 3K. Enumerate any four differences between Health Education and propaganda (4 marks)
- 3L. Health hazards of health care waste (4 marks)
- 3M. Functions of World Health Organization (4 marks)
- 3N. Prevention of lead poisoning (4 marks)
- 3O. Risk factors for hypertension (4 marks)

