

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

Tuesday, January 01, 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. Define Epidemiology. Enumerate its uses. Describe broadly the methods of prevention and control of communicable diseases.

(1+3+6 = 10 marks)

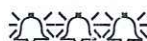
2. Describe the strategies under National AIDS Control program. Discuss the program components of phase III. Write a note on the role of Integrated Counseling and Testing Centre.

(4+4+2 = 10 marks)

3. **Short Questions:**

- 3A. What is Primordial Prevention? Give two examples.
3B. Enumerate social factors affecting Health. Name two social classifications commonly used.
3C. What are the Biases in case-control studies?
3D. Define Epidemic. Explain types of epidemic.
3E. Briefly explain any four epidemiological criteria for causal association.
3F. Enumerate various Immunizing agents with examples.
3G. Describe briefly uses of screening.
3H. Write a note on Sample Registration System (SRS).
3I. Write a brief note on DOTS Plus strategy.
3J. Briefly explain strategies used for Polio eradication in India.
3K. Epidemiological determinants of Acute Respiratory Infection.
3L. How would you investigate a food poisoning outbreak? Briefly explain the steps.
3M. Indicators of Air pollution
3N. Integrated vector control
3O. Global warming

(4 marks × 15 = 60 marks)



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

Wednesday, January 02, 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. Define Maternal Mortality Ratio (MMR). What is the present MMR in India? What steps are being taken to reduce the MMR?
(2+1+7 = 10 marks)
2. Identify the factors responsible for the rise in incidence of cancer in the country. Describe the secondary prevention measures that could be implemented to control the problem.
(5+5 = 10 marks)

3. **Short Questions:**

- 3A. Injectable Contraceptives
(4 marks)
- 3B. Immediate new born care
(4 marks)
- 3C. Scope of family planning services
(4 marks)
- 3D. Discuss age –sex pyramid.
(4 marks)
- 3E. Define body mass index (BMI). Mention the BMI categories as per the WHO criteria.
(1+3 = 4 marks)
- 3F. Describe the role of dietary fat in health and disease.
(4 marks)
- 3G. Mention the various sources of lead poisoning. Describe its clinical features and preventive measures.
(1+3 = 4 marks)
- 3H. Role of anti- oxidants in health
(4 marks)

- 3I. Principles of health communication (4 marks)
- 3J. Responsibilities of Primary Health Centre (PHC) medical officer (4 marks)
- 3K. Benefits under employees' state insurance (ESI) act (4 marks)
- 3L. High risk pregnancy and its prevention (4 marks)
- 3M. Net reproduction rate (4 marks)
- 3N. Indicators of malnutrition among under-fives (4 marks)
- 3O. Genetic counselling (4 marks)

