

MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL MBBS PART – I DEGREE EXAMINATION – JANUARY 2018
SUBJECT: COMMUNITY MEDICINE – PAPER - I (ESSAY)

Monday, January 01, 2018

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ **All questions are compulsory.**

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

✍ **Long questions:**

1. What are non-randomized controlled trials? Under what circumstances are non-randomized controlled trials indicated? Explain with examples the different types of non-randomized controlled trials.

(1+2+7 = 10 marks)

2. Discuss the epidemiological determinants of Dengue fever. Discuss the clinical management of Dengue haemorrhagic fever. Enumerate the components of mid-term plans for prevention and control of dengue under the NVBDCP.

(3+4+3 = 10 marks)

3. **Write short notes on:**

3A. Write about the changing concepts of health.

(4 marks)

3B. What is social security? Enumerate social security legislations for Industrial workers and Civil servants.

(1+3 = 4 marks)

3C. Tools of measurement in epidemiology.

(4 marks)

3D. Discuss the role of migration studies in describing the disease with suitable examples.

(4 marks)

3E. Define nosocomial infections. Describe the sources of nosocomial infections with examples of infection for each source.

(4 marks)

3F. Significance of incubation period.

(4 marks)

3G. In context of screening, what is yield? What are the factors affecting Yield?

(1+3 = 4 marks)

3H. Describe normal distribution of variables with a neat diagram.

(4 marks)

- 3I. Discuss measures for prevention of varicella zoster. (4 marks)
- 3J. Treatment regimen for MDR-TB. (4 marks)
- 3K. Anti-Typhoid Vaccines (4 marks)
- 3L. Discuss the steps for investigation of food poisoning. (4 marks)
- 3M. Describe the various criteria of a sanitary well. (4 marks)
- 3N. Describe the double pot method of chlorination of water with a neat diagram. (4 marks)
- 3O. Measures to control scabies. (4 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL MBBS PART – I DEGREE EXAMINATION – JANUARY 2018
SUBJECT: COMMUNITY MEDICINE – PAPER - II (ESSAY)

Tuesday, January 02, 2018

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ **All questions are compulsory.**

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

✍ **Long questions:**

✓ 1. What is Maternal Mortality Ratio? What are the various approaches for measuring maternal mortality? Discuss the preventive and social measures to bring down maternal mortality.

(10 marks)

✓ 2. Discuss the epidemiology, prevention and care of type II diabetes mellitus.

(10 marks)

3. **Write short notes on:**

✓ 3A. Define Low Birth Weight. Enumerate the causes for low birth weight. Mention the preventive measures.

✓ 3B. What is Juvenile Delinquency? Enumerate its causes and preventive measures.

✓ 3C. Discuss the advantages of exclusive breastfeeding.

3D. Enumerate the demographic indicators. Add a note on sex ratio.

3E. Post-coital contraception

3F. Mention the various measures to be taken to prevent and control Protein–Energy Malnutrition in the community.

✓ 3G. Write briefly about various interventions undertaken to prevent nutritional anemia in India.

✓ 3H. Mention the various types of food adulteration. Add a note on Prevention of Food Adulteration (PFA) Act.

✓ 3I. Enlist the community nutrition programs. Explain briefly any one program.

3J. Discuss the principles of Primary Health Care with suitable example for each.

✓ 3K. Discuss the barriers for communication.

3L. Enumerate the health problems of the aged population in India. Discuss briefly the preventive measures.

3M. Discuss the functions of World Health Organization.

3N. Enlist the types of accidents. What are the various measures for prevention of road traffic accidents?

✓ 3O. Discuss briefly the measures to control industrial cancer.

(4 marks × 15 = 60 marks)

