

MANIPAL UNIVERSITY

FINAL MBBS PART – I DEGREE EXAMINATION – JUNE 2016

SUBJECT: COMMUNITY MEDICINE – PAPER - I (ESSAY)

Monday, June 06, 2016

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ **All questions are compulsory.**

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

✍ **Long questions:**

1. Enumerate the steps of a randomized controlled trial. Discuss the different types of randomized controlled trials with examples.

(2+8 = 10 marks)

2. Describe the epidemiological determinants of Plague.

(10 marks)

3. **Short notes:**

3A. Triangle of epidemiology

(4 marks)

3B. Drug addiction and its management

(4 marks)

3C. What are the reasons for false negative results of sputum smear microscopy?

(4 marks)

3D. Briefly mention the strategies adopted for polio eradication in India

(4 marks)

3E. Measures for prevention of Hepatitis B infection

(4 marks)

3F. Treatment for uncomplicated Acute Dermato-Lymphangioadenitis

(4 marks)

3G. Different types of epidemics with examples

(4 marks)

3H. What are Migration studies? Mention the advantages and limitations of these studies

(2+2 = 4 marks)

3I. Types of biological transmission with examples

(4 marks)

3J. Define incubation period. Mention its uses

(1½+2½ = 4 marks)

3K. Uses of screening

(4 marks)

3L. Define health information system. Enumerate the sources of health information

(1+3 = 4 marks)

3M. Different methods for control of arthropods of medical importance

(4 marks)

3N. Prevention and control of air pollution

(4 marks)

3O. What are the causes of hardness in water? How is water classified on the basis of hardness?

(1+3 = 4 marks)



MANIPAL UNIVERSITY**FINAL MBBS PART – I DEGREE EXAMINATION – JUNE 2016****SUBJECT: COMMUNITY MEDICINE – PAPER - II (ESSAY)**

Tuesday, June 07, 2016

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 Perinatal mortality rate (as per World Health Organization for international comparisons). Describe the causes of perinatal mortality. Add a note on prevention of perinatal mortality.

(1+5+4 = 10 marks)

2. Mention the World health organization classification of Diabetes Mellitus. Explain its epidemiological determinants, prevention and control measures.

(1+4+5 = 10 marks)

3. Short notes:

3A. Janani SurakshaYojna and Janani Shishu Suraksha Karyakram

3B. Enumerate the objectives of Antenatal care

3C. Describe the incidence, causes and preventive measures for juvenile delinquency

3D. Explain Side effects and complications of Intrauterine Contraceptive Devices

3E. Mention and explain about Natural family planning methods

3F. Describe the functions, sources, diseases due to deficiency of Vitamin D and give an account of its prevention

3G. Classify food borne diseases with examples

3H. Mid-day meal programme and mid-day meal scheme

3I. Endemic Fluorosis

3J. Briefly explain the health problems of Indian Community

3K. Approach to health education

3L. Describe the health hazards of health care wastes and enumerate various treatment and disposal technologies of health care wastes

3M. Enumerate the factors associated with high risk for drug abuse and enumerate the symptoms of drug addiction

3N. Epidemiology of Oral cancer

3O. Explain the benefits to Employees provisioned under Employees State Insurance (ESI) act

(4 marks × 15 = 60 marks)

