

MANIPAL UNIVERSITY

FINAL MBBS PART – I DEGREE EXAMINATION – JUNE 2009

SUBJECT: COMMUNITY MEDICINE-PAPER-I (ESSAY)

Tuesday, June 09, 2009

Time: 10.30 – 13.00 Hrs.

Maximum Marks: 48

✍ All questions are compulsory.

✍ Illustrate your answers with suitable diagrams wherever necessary.

✍ Essay/Long Questions:

1. Mention different types of Cohort studies. Describe the steps in conducting a cohort study.

(1+8 = 9 marks)

2. Describe “Acute Diarrhoeal diseases” under the following headings:

a) Epidemiology

b) Control measures and its relevant programme in India.

(4+5 = 9 marks)

✍ Short Questions/Answers:

3A. What is meant by the term ‘Epidemiological Triad’? Explain with examples.

3B. Describe the three main types of families.

3C. What is ‘Cold Chain’? Describe the equipment used to store vaccines at PHC level.

3D. What is meant by the term ‘Epidemic Curve’? Depict and describe the epidemic curve in case of a Point-Source epidemic.

3E. Define ‘Screening’ and mention its uses.

3F. ‘Registration of vital events’ and its significance.

3G. How are patients categorized under DOTS?

3H. Describe the clinical features and complications of measles.

3I. Mention the regimens recommended by the World Health Organisation to treat leprosy.

3J. Describe the methods that can be used for purification of water at household level.

(3×10 = 30 marks)



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Time: 10.30 – 13.00 Hrs.

Maximum Marks: 48

☞ All questions are compulsory.

☞ Illustrate your answers with suitable diagrams wherever necessary.

☞ Essay/Long Questions:

1. Define maternal mortality. Enumerate the causes of maternal mortality. Discuss the strategies of reducing maternal mortality under the second phase of RCH Programme.

(1+2+6 = 9 marks)

2. Discuss the magnitude of problem, ecology, detection and prevention of malnutrition. Enumerate differences between growth monitoring and nutritional surveillance.

(7+2 = 9 marks)

☞ Short Questions/Answers:

3A. Objectives and contents of 'School Health Services'.

3B. Juvenile delinquency.

3C. Adverse effects of oral pills.

3D. Demographic Cycle.

3E. Define a balanced diet and enumerate the dietary goals.

3F. Discuss the functions of Male health worker in a sub Centre.

3G. Functions of health communication.

3H. Discuss the preventive and social measures that can be undertaken to improve the genetic makeup of human population.

3I. Discuss the medical measures for prevention of occupational diseases.

3J. Vision 2020.

(3×10 = 30 marks)

