

Reg. No.

MANIPAL UNIVERSITY

FINAL MBBS PART – I DEGREE EXAMINATION – JUNE 2013

SUBJECT: COMMUNITY MEDICINE – PAPER - I (ESSAY)

Wednesday, June 05, 2013

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. Classify Epidemiological studies. Describe steps involved in a Randomized Control Trial with a suitable example.

(2+7 = 9 marks)

2. Discuss the epidemiology of Cholera. Describe the prevention and control measures of Cholera.

(4+5 = 9 marks)

3. Short Questions:

3A. Iceberg Phenomenon of Disease.

3B. Enumerate the Mortality Indicators.

3C. Enumerate the modes of transmission of Communicable diseases.

3D. Herd immunity.

3E. Selection Criteria of a Disease for Screening.

3F. Enumerate sources of Health Information.

3G. Enumerate Arboviral Diseases and how are they Classified.

3H. Filaria Survey.

3I. Multi Drug Therapy in Leprosy Control.

3J. Indicators of Air Pollution.

(3×10 = 30 marks)



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Thursday, June 06, 2013

Time: 10:30 – 13:00 Hrs.

Maximum Marks: 48

✍ **All questions are compulsory.**

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

✍ **Long Questions:**

1. What is meant by domiciliary care? Describe the steps that an ANM would take when a primi- gravida is seen by her at a sub centre.

(2+7 = 9 marks)

2. Enumerate the spectrum of iodine deficiency disorders. Discuss the objective, strategies and evaluation of Iodine Deficiency Disorders Control Programme.

(3+6 = 9 marks)

3. **Short Questions:**

3A. Discuss the components of the Reproductive and Child Health programme.

(3 marks)

3B. Current guidelines advocate “exclusive breast feeding of infants till 6 months of age”. Justify this recommendation.

(3 marks)

3C. What is fertility? Discuss the social and cultural factors that have a bearing on fertility.

(1+2 = 3 marks)

3D. Define the term “conventional contraceptives”. Discuss the advantages and disadvantages of the condom.

(1+2 = 3 marks)

3E. What are the proximate principles of food? Briefly describe the mutual supplementary action of proteins.

(1+2 = 3 marks)

3F. Define ‘Primary Health Care’. Briefly discuss the role of the Medical Officer in a primary health centre.

(1+2 = 3 marks)

3G. Discuss the health education method that would be most suitable to educate the general public about harmful effects of Smoking.

(3 marks)

3H. Comment on the world health day theme for 2009.

(3 marks)

3I. Describe the strategies for secondary prevention of type II diabetes mellitus.

(3 marks)

3J. Enumerate the various types of cancer registry. Briefly describe the advantages of a population based registry?

(1+2 = 3 marks)

