MANIPAL UNIVERSITY

FINAL MBBS PART – I DEGREE EXAMINATION – JUNE 2015

SUBJECT: COMMUNITY MEDICINE – PAPER - I (ESSAY)

Friday, June 05, 2015

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

- ✍ **All questions are compulsory.**
- ✍ **Illustrate your answers with suitable diagrams wherever necessary.**

- ✍ **Long questions:**

1. Classify the epidemiological studies. Describe the steps in conducting a Case Control study. Add a note on Odds Ratio.

(3+5+2 = 10 marks)

2. Describe the epidemiological features of HIV/AIDS. Explain the components of National AIDS Control Programme III (NACP III).

(5+5 = 10 marks)

3. **Short notes:**

3A. Give a detailed note on levels of disease prevention.

3B. Explain the functions of family.

3C. Describe the different modes of disease transmission.

3D. What are the different defence mechanisms against infections among humans? Add a note on herd immunity.

3E. Describe the steps in the investigation of an adverse event following immunization.

3F. Enumerate the steps involved in conducting a Randomized Control Trial.

3G. Describe the measures used to evaluate a screening test.

3H. Explain the measures of dispersion.

3I. Describe the clinical manifestations of dengue fever.

3J. Filaria survey

3K. Post exposure prophylaxis of rabies in humans

3L. Describe the types and management of Lepra reaction.

3M. Describe the elements of surveillance of drinking water quality.

3N. Explain the indices of thermal comfort.

3O. Enumerate the fly control measures.

(4 marks × 15 = 60 marks)

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FINAL MBBS PART – I DEGREE EXAMINATION – JUNE 2015

SUBJECT: COMMUNITY MEDICINE – PAPER - II (ESSAY)

Saturday, June 06, 2015

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 infant mortality rate. What are the factors that affect infant mortality? Describe the preventive and social measures to reduce IMR.

(2+4+4 = 10 marks)

2. Describe the causes of cancer. Discuss the control of cancer. Write about screening of common cancers in India.

(4+3+3 = 10 marks)

3. **Short Notes:**

3A. Describe the child health problems in developing countries

3B. Describe the features of Under 5 clinic and its functions

3C. Enumerate the preventive and social measures to lower maternal mortality rate

3D. Describe the medical termination of pregnancy Act 1971

3E. Dependency ratio

3F. Enumerate the spectrum of Iodine deficiency disorders

3G. Describe the prevalence criteria for determining the problem of xerophthalmia

3H. Assessment of nutritional status of a community

3I. Pasteurization

3J. What are the principles of health education?

3K. Describe the principles of primary health care with suitable examples.

3L. What are the services provided by UNICEF?

3M. Describe disaster management in detail

3N. Enumerate the risk factors for hypertension

3O. What are the medical measures for the prevention of occupational diseases?

(4 marks × 15 = 60 marks)

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