MANIPAL UNIVERSITY

FINAL MBBS PART – I DEGREE EXAMINATION – JUNE 2014

SUBJECT: COMMUNITY MEDICINE – PAPER - I (ESSAY)

Thursday, June 05, 2014

Time: 10:30 – 13:00 Hrs.   Maximum Marks: 48

✍ **All questions are compulsory.**

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

✍ **Long questions:**

1. Define the term "cohort" and mention the indications for a cohort study. Discuss the basic steps involved in the design of a cohort study.

    (2+7 = 9 marks)

2. Discuss the factors attributable to the spread of HIV in India. Discuss the key objectives and the initiatives under the phase II of the National AIDS Control Programme.

    (4+5 = 9 marks)

✍ **Short questions:**

3. Explain the term social mobility with a suitable example.

    (3 marks)

4. Mention the morbidity indicators and briefly discuss any one of them.

    (1½+1½ = 3 marks)

5. Define the term epidemic. Describe the features of a 'Point Source epidemic'.

    (1+2 =3 marks)

6. Discuss the epidemiological importance of incubation period.

    (3 marks)

7. Discuss the criteria that define a disease suitable for screening.

    (3 marks)

8. Enumerate the various sources of health information. Describe any one of them.

    (1+2 =3 marks)

9. Discuss the role of immunization in the prevention of tuberculosis.

    (3 marks)

10. Briefly discuss the principles of post exposure treatment in Rabies.

    (3 marks)

11. Discuss the term occult filariasis.

    (3 marks)

12. Enumerate the sources of air pollutants. Briefly discuss the environmental effects of air pollution.

    (1+2 = 3 marks)

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FINAL MBBS PART – I DEGREE EXAMINATION – JUNE 2014

SUBJECT: COMMUNITY MEDICINE – PAPER - II (ESSAY)

Friday, June 06, 2014

Time: 10:30 – 13:00 Hrs.   Maximum Marks: 48

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

✎ **Long questions:**

1A. Define Maternal death.
1B. List common causes of Maternal death.
1C. List the components of the Reproductive and Child Health Programme.
1D. What services are provided under this programme to prevent maternal deaths?

(1+2+1+5 = 9 marks)

2A. List the nutritional problems in public health.
2B. What are the causes of protein energy malnutrition?
2C. Describe measures for prevention of protein energy malnutrition.

(2+4+3 = 9 marks)

✎ **Short Questions:**

3. Who are 'at risk' infants? Why is it necessary to identify them?

(2+1 = 3 marks)

4. List mortality indicators that are used to assess Maternal & Child Health care. Why are mortality data used more often than morbidity data.

(2+1 = 3 marks)

5. Demographic cycle.

(3 marks)

6. Medical Termination of Pregnancy.

(3 marks)

7. What is xerophthalmia? Describe the preventive measures.

(1+2 = 3 marks)

8. Enumerate and explain the principles of Primary Health Care.

(1+2 = 3 marks)

9. Describe barriers to effective communication.

(3 marks)

10. Describe measures for primary prevention of genetic disorders.

(3 marks)

11. Pneumoconiosis.

(1+1+1 = 3 marks)

12. Enumerate early warning signs of cancer.

(3 marks)