

MANIPAL UNIVERSITY**FINAL MBBS PART – I DEGREE EXAMINATION – DECEMBER 2015****SUBJECT: COMMUNITY MEDICINE – PAPER - I (ESSAY)**

Friday, December 04, 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 Randomized control trial. Enumerate the different types of Randomized control trials.

(3+5+2 = 10 marks)

2. Describe the syndromic management of urethral discharge in males. Describe the control of Sexually transmitted diseases.

(5+5 = 10 marks)

3. **Short notes:**

3A. Explain the levels of prevention with appropriate examples.

3B. Role of family in health and disease.

3C. Define bias in case control studies. Enumerate the different types of bias.

3D. What is association? Describe the different types of association.

3E. What are the uses of epidemiology?

3F. Classify the adverse events following immunization.

3G. Enumerate the criteria for screening of a disease.

3H. What is normal distribution. Describe its features.

3I. Describe the classification and management of pneumonia in young infants.

3J. Integrated vector management.

3K. Illustrate the diagnostic algorithm of tuberculosis under RNTCP.

3L. Diagnosis and control of Leptospirosis.

3M. What are the different methods of purification of water on a small scale?

3N. Describe the effects of heat stress.

3O. Enumerate the mosquito - borne diseases.

(4 marks × 15 = 60 marks)



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FINAL MBBS PART – I DEGREE EXAMINATION – DECEMBER 2015

SUBJECT: COMMUNITY MEDICINE – PAPER - II (ESSAY)

Saturday, December 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. Define Maternal Mortality Rate. What are the approaches used to measure maternal mortality in India? Mention services provided to Pregnant and Lactating mothers under Reproductive and Child Health Programme.

(2+3+5 = 10 marks)

2. Mention and Describe the “Epidemiologic Determinants” of Diabetes Mellitus. Mention and Explain the Prevention Strategies for Control of Diabetes mellitus.

(5+5 = 10 marks)

3. **Short questions:**

3A. Explain the “Age & Sex Pyramids” of population in Developed and developing countries with suitable illustration.

(2+2 = 4 marks)

3B. Write the Mechanism of Action and Side Effects of Intra Uterine Contraceptive Devices

(1+3 = 4 marks)

3C. Enumerate the objectives of Post-natal Care. Explain any two of them.

(2+2 marks = 4 marks)

3D. Mention the criteria for a “Baby Friendly Hospital”.

(4 marks)

3E. What are the “child placement options” for children in difficult circumstances?

(4 marks)

3F. What are the Types, Sources and uses of “Dietary Fibre”?

(1+1+2 = 4 marks)

3G. Define “Balanced Diet”. Enumerate “Dietary Goals”.

(4 marks)

3H. Mention and explain the prevention and control of “Xerophthalmia”.

(1+3 = 4 marks)

3I. Mention and briefly explain the interventions for prevention and control of Lathyrism

(1+3 = 4 marks)

- 3J. Enumerate the “Elements” of Primary Health Care. (4 marks)
- 3K. Classify the “Methods of Health Communication”. (4 marks)
- 3L. Explain the components of “Disaster Management” with appropriate illustration. (4 marks)
- 3M. Enumerate factors which influence “Gene Frequencies”. Mention the genetic abnormalities that could be screened at birth. (4 marks)
- 3N. What are the types of Cancer Registries in India. Mention their uses. (2+2 = 4 marks)
- 3O. Mention benefits to employees under Employee’s State Insurance Act. Explain any two of them. (2+2 = 4 marks)

