MANIPAL ACADEMY OF HIGHER EDUCATION

FINAL MBBS PART – I DEGREE EXAMINATION – AUGUST 2024

SUBJECT : COMMUNITY MEDICINE – PAPER - I (ESSAY)

(OR-NON-CBME)

Monday, August 12, 2024

Time: 10:20 – 13:00 Hrs.   Maximum Marks: 80

✍ **All questions are compulsory.**

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

✍ **Long questions:**

1. Discuss Tuberculosis under following heads:

1A. Diagnostic algorithm for Pulmonary Tuberculosis under Revised National Tuberculosis Control Program

1B. Bedaquiline containing regimen

(7+3 = 10 marks)

2. Discuss Epidemiology under the following heads:

2A. Types of epidemiological studies

2B. Associated factor and causative factor with suitable examples

2C. Relative risk and attributable risk and its application in public heath

(2+4+4 = 10 marks)

3. **Short notes:**

3A. Discuss social mobility

3B. Human development index

3C. Natural history of a disease

3D. Explain Migration studies with suitable examples

3E. Describe Open Vial Policy.

3F. Discuss epidemiological importance of the carrier of a disease. Enumerate different types of carriers

3G. Discuss types of bias in case control studies. Mention the methods to prevent any two of them

3H. Explain the measures of dispersion.

3I. Discuss the measures used to evaluate a screening test.

3J. Discuss control measures of Leishmaniasis

3K. Enumerate the objectives of HIV sentinel surveillance

3L. Prevention and control of Leptospirosis

3M. Discuss treatment of mixed infections of Malaria in Karnataka.

3N. Discuss biological effect of radiation

3O. What are the various anti-rodent measures.

(4 marks × 15 = 60 marks)

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FINAL MBBS PART – I DEGREE EXAMINATION – AUGUST 2024

SUBJECT : COMMUNITY MEDICINE – PAPER - II (ESSAY)

(OR-NON-CBME)

Wednesday, August 14, 2024

Time: 10:20 – 13:00 Hrs.   Maximum Marks: 80

✍ **Answer all the questions.**

✍ **Long questions:**

1. Describe the screening measures recommended for common cancers in India as per the National Programme for prevention and control of Cancer, Diabetes, Cardiovascular diseases and Stroke (NPCDCS). Discuss the role of cancer registry in cancer prevention.

   (6+4 = 10 marks)

2. Define Perinatal Mortality Rate. Classify the causes of Perinatal mortality and discuss the interventions for reduction of perinatal mortality.

   (2+3+5 = 10 marks)

3. **Short notes:**

3A. Methods to investigate maternal mortality in the community

3B. Causes of infant mortality in India.

3C. UN declaration of rights of the Child.

3D. Scope of Family planning services

3E. Total fertility rate and its trend in India

3F. Nutritional status assessment methods

3G. Sanitation of eating places

3H. Food – borne infections

3I. Significance of food fortification

3J. Role of social media in health communication

3K. Principles of Health education

3L. Disaster cycle

3M. Genetic counselling

3N. Write briefly on "Mental Health and Youth".

3O. Occupational hazards of agricultural workers

(4 marks × 15 = 60 marks)

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