

**M.D. DEGREE EXAMINATION**  
**BRANCH XV – COMMUNITY MEDICINE**  
**PAPER II – COMMUNITY MEDICINE**

*Q.P. Code: 202052*

**Time : Three Hours**

**Maximum : 100 Marks**

**I. Essay:**

**(2 x 15 = 30)**

1. Epidemiology of blood borne viral infections. Enumerate the strategies for its prevention.
2. Describe the steps in the design of cohort studies. Discuss the biases that may affect cohort studies.

**II. Short notes:**

**(10 x 5 = 50)**

1. Health effects of 'thermal stress' and preventive measures.
2. Epidemiology of measles and the challenges in eradication of measles.
3. Anti-rodent measures.
4. Prevention and control of Non-Communicable Diseases.
5. List the various methods in assessing nutritional status in individuals and populations. Mention the challenges in each of the methods.
6. Discuss the ethical principles in clinical research.
7. Ecological studies and their importance in public health.
8. Prevention of food adulteration.
9. The minimum standards for housing.
10. Strategies to reduce burden of cancers.

**III. Reasoning Out:**

**(4 x 5 = 20)**

1. Role of physical activity in health.
2. Discuss the potential bioterror agents and the preparedness for tackling bioterrorism.
3. Epidemiological methods for comparing mortality in different populations.
4. Significance of Incubation period, communicable period and their application in control of infectious diseases.

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