

QP Code:102104

Reg. No.:.....

**PG Degree Supplementary Examinations in Community Medicine (MD)
April 2026**

Paper II - Epidemiology Including Bio Statistics, Epidemiology of Communicable and Non-communicable Disease, Microbiology Including Entomology

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay: (20)

1. Define epidemiology. Classify the epidemiological studies and explain the uses of epidemiology with examples.

Short essays: (8x10=80)

2. Discuss the epidemiology and prevention of M pox.
3. Role of BCG vaccination and the adult TB vaccination initiative in control of tuberculosis.
4. Define nosocomial infections. Discuss the sources, routes of spread and preventive measures that could be taken for nosocomial infections.
5. Discuss the characteristic features of chronic diseases, gaps in the natural history of non-communicable diseases and epidemiological transition ratio.
6. Discuss the risk factors and preventive strategies for coronary heart diseases.
7. Epidemiological determinants and measurements for the assessment of obesity.
8. Measures of dispersion and their utility.
9. Classify insecticides and their mode of action.
