

QP Code:102104

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Community
Medicine (MD) May 2021**

**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. Explain epidemiology of malaria. Explain the strategic approaches under National Framework for Malaria Elimination in India 2016–2030. Discuss the strengths and weaknesses of this program.

Short essays:

(8x10=80)

2. Discuss the salient features of Vision 2020.
3. Explain the study design in a Nested case control study
4. What is systematic review and metanalysis. Explain the importance of funnel plot in systematic review and its interpretation.
5. Explain the preventive measures of human rabies.
6. Describe the vector bionomics of anopheles mosquito.
7. Explain the syndromic management of STDs.
8. Discuss laboratory diagnosis of tuberculosis.
9. Epidemiology of diabetes mellitus and components of self-care in diabetes.
