

Reg. No.....

MPH Part II Degree Supplementary Examinations March 2026

**Paper I – Intermediate Epidemiology & Biostatistics, Health Informatics
and Chronic & Infectious Disease Epidemiology**

Time: 3 Hours

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*
- *Write Section A and Section B in separate answer books. Do not mix up questions from section A and section B*

QP Code: 201314

Max Marks: 50

Section A – Intermediate Epidemiology and Biostatistics, Health Informatics

Short Essays:

(2x10=20)

1. Explain in detail the various methods of sampling with suitable examples. Add a note on the difference between deductive and inductive reasoning.
2. Discuss the role of multivariate analysis for policies and programs. Add a note on the multivariate logistic regression.

Short Notes:

(6x5=30)

3. Kaplan Meir curves
4. Ethical issues in statistical analysis
5. Chi square test
6. Null hypothesis
7. Confounders
8. Correlation

QP Code: 202314

Max. Marks: 50

Section B – Chronic and Infectious Disease Epidemiology

Short Essay:

(2x10=20)

1. Outline the various sources of NCD data across the globe. Add a note on the quality and measurements issues in NCD data
2. Explain in details the steps of investigation in an infectious disease outbreak with suitable examples

Short Notes:

(6x5=30)

3. Pentavalent vaccine
4. Reservoirs of infections
5. Routes of transmission
6. Partnerships for NCD prevention
7. Levels of prevention in NCDs
8. Cost effective interventions
