

Reg. No.....

MPH Part II Degree Regular/Supplementary Examinations

November 2025

**Paper I – Intermediate Epidemiology & Biostatistics, Health Informatics
and Chronic & Infectious Disease Epidemiology
(2017 Scheme)**

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*
- *Simple calculator shall only be permitted*
- *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. Discuss different dimensions of disease distribution with appropriate examples
2. Discuss sampling and non-sampling errors with examples

Short Notes:

(6x5=30)

3. Mean, median, mode
4. Normal distribution
5. Sensitivity of a test
6. Correlation coefficients
7. Kaplan Meyer curves
8. Null hypothesis

QP Code: 202314

Max. Marks: 50

Section B – Chronic and Infectious Disease Epidemiology

Short Essay:

(2x10=20)

1. Describe natural history of a disease: (i) in individuals, (ii) at population levels
2. Outline the elements of NCD risk factor surveillance

Short Notes:

(6x5=30)

3. Host-pathogen interactions
4. Applications of molecular epidemiology
5. Principles of outbreak response in maintaining polio-free status
6. Adverse Effects Following Immunization (AEFI)
7. Primordial prevention
8. Pandemic treaty
