

Reg. No.....

MPH Part II Degree Supplementary Examinations February 2023

**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. Describe the steps involved in conducting a case control study. Add a note on Nested case-control studies.
2. Describe the various types of Correlation with appropriate examples.

Short Notes:

(6x5=30)

3. Odd's ratio and relative risk.
4. Kaplan-Meier Curve.
5. Ethical issues in data management.
6. Crude and stratified rates.
7. Effect modification.
8. Multiple logistic regression.

QP Code: 202314

Max. Marks: 50

Section B – Chronic and Infectious Disease Epidemiology

Short Essay:

(2x10=20)

1. Describe the stepwise framework for prevention, cost effective interventions at primary, secondary and tertiary health care levels for Non Communicable Diseases (NCDs).
2. Describe the steps involved in the investigation of an outbreak of Cholera.

Short Notes:

(6x5=30)

3. Framework Convention on Tobacco Control(FCTC).
4. Non Communicable Disease (NCD) risk factor surveillance.
5. Risk factor modification in Non-Communicable Diseases(NCDs).
6. Live Vaccines.
7. Biological Transmission.
8. Syndromic Approach in the Management of Sexually Transmitted Diseases(STDs).
