

Reg. No.....

MPH Part I Degree Supplementary Examinations February 2023

Paper II – Introduction to Epidemiology, Basic Biostatistics, Quantitative and Qualitative Research Methods

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: 103314

Max Marks: 50

Section A – Introduction to Epidemiology & Basic Biostatistics

Short Essays:

(2x10=20)

1. Which are the tools in epidemiology. Discuss the uses of epidemiology with examples.
2. Discuss the role of statistics in public health. Explain the methods to summarize data in statistics.

Short Notes:

(6x5=30)

3. Measures of morbidity
4. Validity and reliability
5. Confidence interval
6. Standard normal curve
7. Criteria for causal association
8. Randomization

QP Code: 104314

Max Marks: 50

Section B – Quantitative and Qualitative Research Methods

Short Essay:

(2x10=20)

1. Differentiate the framework, steps, advantages and disadvantages between case-control and cohort studies.
2. Discuss the various elements in writing a research report

Short Notes:

(6x5=30)

3. Focus group discussion
4. Ethical issues in qualitative research
5. Qualitative research in public health
6. Interview schedule
7. Data management
8. Sample size estimation
