

Reg. No.....

MPH Part I Degree Supplementary Examinations March 2026
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*
- *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: 103314

Max Marks: 50

Section A – Introduction to Epidemiology & Basic Biostatistics

Short Essays: (2x10=20)

1. What are the basic steps in conducting and reporting an investigation of a suspected outbreak
2. What are the features of a standard normal distribution. What is the relevance of the concept of the standard normal distribution in biostatistics

Short Notes: (6x5=30)

3. Cross-sectional design
4. Temporality considerations in causal reasoning
5. Odds ratio computation and interpretation
6. Box plot
7. Measures of central tendency
8. Simple random sampling

QP Code: 104314

Max Marks: 50

Section B – Quantitative and Qualitative Research Methods

Short Essay: (2x10=20)

1. List four common forms of probability sampling methods used in public health research and compare any two probability sampling methods with each other.
2. How would you plan for, conduct and analyse focus group discussions

Short Notes: (6x5=30)

3. IMRAD format
4. STROBE guidelines
5. Difference between code and theme
6. Sample size computation in cross-sectional survey
7. Case study method
8. Informed consent
