

**QP Code: 201531**

**Reg. No.:.....**

**M Phil in Clinical Epidemiology (Part Time) Part II Supplementary  
Examinations July 2025**

**Paper III – Advanced Clinical Epidemiology, Biostatistics and Biocomputing**

**Time: 3 hrs**

**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*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays:**

**(10x10=100)**

1. Confounding and effect modification
2. Epidemiology of Neglected Tropical Diseases
3. Critique on Quality Adjusted Life Years (QALY)
4. Community trials
5. Analysis of variance
6. Scope of precision medicine and personalized medicine
7. Survival analysis
8. Receiver Operator Characteristic Curves in epidemiology
9. Kappa Statistics
10. Internal and external validity in cross sectional studies

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