

QP CODE: 105388

Reg. No:.....

**First Year Master of Optometry Degree Regular/Supplementary
Examinations November 2020**

Research Methodology and Biostatistics

Time: 3 Hours

Total Marks: 80

- *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*

Essay

(20)

1. Discuss briefly the methods of data collection during research. How will you ensure quality in data collection.

Short Essays

(6x10=60)

2. Analysis of variance
3. Sampling error
4. P value
5. Epidemiological study designs
6. Write about non-parametric tests.
7. Crude rates and standardized rates
