

**Third Year B.Sc MLT Degree Regular/Supplementary Examinations
January 2026**

**Computer Application, Research methodology, Biostatistics and Laboratory
management**

(2016 Scheme)

Time: 3 Hours

Total 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 diagrams wherever necessary*
- *Simple calculator shall only be permitted*

Essay

(2x10=20)

1. Define the term research problem. What are the key steps or methods used to identify a research problem in a study
2. Define Microsoft word. Explain the various components of word window

Short notes

(10x5=50)

3. Attitude and behaviour
4. Qualitative and Quantitative Research
5. Hand hygiene
6. Method of Data Collection in research
7. Generations of computer
8. Quality improvement tools and techniques
9. Measures of Central Tendency
10. Procedural Guidelines for National Accreditation Board for testing and calibration laboratories (NABL)
11. Management and handling of liquid waste
12. Hypothesis Testing

Answer briefly

(10x3=30)

13. Stages of an effective Emergency management process
14. Main steps involved in the Planning in management
15. Desktop icon
16. Modem
17. Groups
18. Status bar
19. Theories of leadership
20. Features of window
21. Define risk in the context of management
22. Features of Excel