**Third Year B.Sc MLT Degree Regular/Supplementary Examinations
May 2023**
**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*

Essay   **(2x10=20)**

1. What is a research problem. How can we identify a research problem.

2. Describe the major application of computer in clinical settings.

Short notes   **(10x5=50)**

3. Regression and correlation analysis.

4. Biomedical waste management.

5. Batch processing.

6. Features of a good research design.

7. Application of computer in research.

8. Standard and Norms.

9. Biostatistics and its applications.

10. Quality improvement approaches.

11. Hand hygiene.

12. Cultural issues in health care environment.

Answer briefly   **(10x3=30)**

13. Conflict and stages of conflict.

14. Information management.

15. Explain spreadsheet and its uses.

16. Risks in management.

17. Components of a word window.

18. Internet and intranet.

19. Theories of leadership.

20. How can you insert a new slide in power point.

21. Psychological impact management.

22. Modem.

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