

Third Year B.Sc MLT Degree Supplementary Examinations April  
(November), 2020

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. Define Operating system. Explain the functions and types of operating systems. (2+4+4)
2. Describe the method of data collection in research. What are the primary and secondary methods of data collection. (5+5)

**Short notes**

**(10x5=50)**

3. Professional integrity.
4. Quality improvement approach.
5. Concepts of quality of care
6. Biomedical waste management process.
7. Personnel protective equipments.
8. Time management.
9. Planning tools and techniques.
10. Leadership.
11. Ethical issues in research.
12. Classification of icons.

**Answer briefly**

**(10x3=30)**

13. Sample size determination.
14. Internet and its application.
15. Types of probability.
16. Networking of computers.
17. Regression analysis.
18. Desk top.
19. Research methodologies.
20. Creating shortcuts.
21. Identifying research problem.
22. Formatting a word document.