

QP CODE: 305012

Reg No:.....

**Third Year B.Sc MLT Degree Supplementary Examinations January 2022**

**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 in detail about types of operating system.
2. What is a research problem. How we can identify a research problem.

**Short notes**

**(10x5=50)**

3. Application of computers in clinical settings.
4. Features of a good research design
5. Quality improvement tools
6. Primary methods of data collection.
7. Modern technology for handling biomedical waste.
8. Personnel Protective Equipment (PPE)
9. Characteristics of professionalism
10. Hypothesis testing
11. Application and uses of biostatistics as a science.
12. Procedural guidelines for NABL accreditation

**Answer briefly**

**(10x3=30)**

13. Local Area Network (LAN)
14. Decision making in management
15. Star network topology
16. Emergency management
17. Opening, closing and printing of a word document
18. Team work
19. Financial management during crisis
20. Strategic management
21. Internet and Its application
22. World Wide Web (WWW)

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