Third Year B.Sc MLT Degree Regular/Supplementary Examinations October 2019
Computer Application, Research methodology, Biostatistics and Laboratory management

(2016 Scheme)

Time: 3 Hours   **Total Marks: 100**

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay   **(2x10=20)**

1. Explain in detail about the methods of data collection in research. Describe the types of data collection methods.
2. Define network. What are the types of network. Explain in detail about the network topologies with necessary structures.

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

3. Sampling techniques

4. Regression and correlation analysis

5. Quality improvement tools

6. Procedural guidelines for NABL accreditation

7. Define biomedical waste. What are the methods of disinfection.

8. Prevention and control of common health care associated infections.

9. Cultural issues in health care environment.

10. Types of operating systems

11. Ethical issues in research

12. Hypothesis testing

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

13. Stress management
14. Internet and Its applications

15. Resource management

16. Leadership

17. Personal Protective Equipment

18. Charts in excel

19. Features of windows

20. Saving a document file in MS word

21. Decision making process

22. Risks in management

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