Third Year B.Sc MLT Degree Regular/Supplementary Examinations February 2025
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 network. What are the types of networks. Explain in detail about the network topologies with necessary structure.

2. What is a research design. Discuss different types of research design.

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

3. Various types of probability sampling

4. Graphs and charts in MS Excel

5. Application of computer in clinical settings

6. Common procedure of mail merge with examples

7. Cultural issues in the health care environment

8. Strategic management stages and functions

9. Regression analysis

10. Modern technology for handling biomedical waste management

11. Stages of team development

12. Emergency management phases

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

13. Measures of central tendency

14. Sampling error

15. What is a cell range

16. Exogenous infection with examples

17. Undo and redo in MS word

18. Examples of code of conduct.

19. Major ethical issues

20. Batch operating system

21. Disposal of radioactive waste

22. Important elements of planning

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