

Third Year B.Sc MLT Degree Supplementary Examinations October 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. Explain in detail about mail merging in MS Word. Describe the modern application of computers in medical laboratory.
2. What is a research design. Briefly explain in detail about research design.

Short notes

(10x5=50)

3. Computer input and output devices.
4. Steps for developing a research proposal.
5. Standards and norms in quality assurance.
6. Types of probability.
7. Modern technology for handling liquid biomedical waste.
8. Steps in hand hygiene protocol.
9. Ethical and moral values in professionalism.
10. Regression analysis.
11. Sampling distributions
12. Quality improvement approaches.

Answer briefly

(10x3=30)

13. Features of Windows.
14. Planning in management.
15. File transfer protocol
16. Key response functions of management.
17. Creating charts in MS Excel.
18. Groups in management
19. Cost and efficiency in management.
20. Psychological impact management.
21. Application of MS Power point.
22. Internet and Intranet.