

**BACHELOR OF VOCATION**  
**Medical Laboratory Technology**  
**Subject: Laboratory Management & Biomedical Waste**  
**Management**  
**Subject Code: MLT609**  
**Semester: Third**  
**January 2021**  
**Theory (External): 35 Marks**  
**Time: 03 Hours**

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**Instructions to the Students**

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of short answers type in nature. Attempt any 10 questions. Each question carries 1 marks.
3. Section B comprises 8 essay type questions. Attempt any 5 questions. Each question carries 5 marks.
4. Read the questions carefully and write the answers in the answer sheets provided.
5. Do not write anything in the question paper.
6. Wherever necessary, the diagram drawn should be neat and properly labelled

Roll Number											

**SECTION -A (SHORT/OBJECTIVE TYPE QUESTIONS)**  
**(10 x 1 = 10 Marks)**

- A Steps in a procurement process.
- B Importance of NABL.
- C Technologies for treatment of BMW.
- D Alteration in report.
- E Internal and External Quality control.
- F Clinical alerts and abnormal results.
- G Basic patient management for sample collection.
- H CAP Accreditation.
- I Approaches to common regional facility.
- I Preanalytical and postanalytical variables.

**SECTION -B (ESSAY TYPE QUESTIONS)**  
**(5 x 5 = 25 Marks)**

- Q1 Explain in detail the basic format of a test report.
- Q2 Write a note on biomedical waste generation, segregation and color coding under Biomedical Waste Management.
- Q3 What are the basic principles of Inventory Control and Record keeping in a laboratory?
- Q4 Define Sample analysis. Enumerate the various factors affecting sample analysis?
- Q5 What do you mean by Audit? Explain types of Audit in detail.
- Q6 Write a note on  
a) Reference range  
b) Abnormal result reporting.
- Q7 Define Calibration. Explain its importance and types.
- Q8 Write a note on legal aspects and environmental concerns while setting up a laboratory.

**\*\*\*\*\*END OF PAPER\*\*\*\*\***