

**PG CBCS**  
**M.SC. Semester-II Examination, 2021**  
**MEDICAL LABORATORY TECHNOLOGY**  
**PAPER: MLT 204**  
**(LABORATORY TQM, ETHICS, AND BIOSAFETY)**

**Full Marks: 40**

**Time: 2 Hours**

**Answer any FOUR questions of the following:**

**10X4=40**

1. What do you mean by total quality management (TQM)? Describe the essential elements of TQM. 2+8
2. What is quality assurance? Describe the essential elements of quality assurance programme. 2+8
3. Describe the 'Westgard Multiple Rules' for interpreting control data. 10
4. Prepare "Levey-Jenning" chart with suitable example. 10
  
5. How do you set a Bio-Medical laboratory according to safety priority and laboratory biosafety guideline? 10
6. What do you mean by laboratory ethics and biosafety? Describe the application of CUSUM chart. 4+6
7. Describe the different criteria for laboratory bio-safety level. 10
8. What do you mean by biomedical waste? How does segregation help in waste management? Draw the biohazard and cytotoxic sign. 2+6+2

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