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**M.Sc. Semester-II Examination, 2022
MEDICAL LABORATORY TECHNOLOGY**

PAPER: MLT 204

(LABORATORY QM, ETHICS, AND BIOSAFETY)

Full Marks: 40**Time: 2 Hours**

The figures in the right-hand margin indicate full marks.
Candidates are required to give their answers in their own words as far as practicable.

GROUP - A**1. Answer any four questions:****2×4=8**

- a) What do you mean by PDCA cycle?
- b) What is internal quality control?
- c) Schematically represent the westgard rule?
- d) What do you mean by confidentiality of patient information?
- e) Define laboratory ethics.
- f) What are the safety equipments used in the laboratory?
- g) Write down any three ISO rules of biosafety.
- h) What is quality cost?

**GROUP - B****2. Answer any four questions:****4×4=16**

- a) What do you mean by laboratory precision?
- b) Write briefly about dignity and privacy of the patients.
- c) Write down basic hazardous properties of instrument and laboratory chemicals.
- d) How a lab technologist cooperates and creates good working relationship with other health professionals?
- e) Write down the basic measures to be taken for chemical, electrical and fire safety in laboratory.
- f) Draw any five safety sign with their meaning.
- g) What are the criteria of a good pathological report?
- h) What are the factors of external quality control?

GROUP - C**3. Answer any two questions:****2×8=16**

- a) Give an idea about the decontamination and disposal of the laboratory equipments.
- b) Write down the roles of IEC in laboratory regulation?
- c) Write down the criterias for different bio safety levels with example.
- d) Write down about the 5Q model of laboratory management.
