



**MCR-003-038503**

Seat No. \_\_\_\_\_

**B. Voc. (M. L. M. D. T.) (Sem. V) (CBCS) Examination**

**May / June - 2018**

**MLMDT - 5.3 : Quality Laboratory Management &  
Medical Ethics**

**Faculty Code : 003**

**Subject Code : 038503**

Time :  $2\frac{1}{2}$  Hours]

[Total Marks : 70

- Instructions :** (1) All questions are compulsory.  
(2) Figures on right side indicate marks.

**1 Answer the following questions : 20×1=20**

- (1) What is Organization ?
- (2) What is TRF ?
- (3) What is POCT ?
- (4) What is Medical Laboratory Services ?
- (5) Write any two points for quality management systems.
- (6) What is LIMS ?
- (7) What is Random Error ?
- (8) What is Calibration ?
- (9) What is Internal Standard ?
- (10) What is Pathology ?
- (11) What is Laminar Flow Hoods ?
- (12) What is MSDS ?
- (13) What is law ?
- (14) What is HIPAA ?
- (15) What is the 4 Ds of Negligence ?
- (16) What is Battery in ethics ?
- (17) What is Research ?
- (18) What is the full form of CPCSEA ?
- (19) What is Medical Malpractice ?
- (20) What is Legal Malpractice ?

- 2** (a) Attempt any **three** of the following : **3×2=6**
- (1) What are the types of Training ?
  - (2) What are the Hierarchy in Hospitals ?
  - (3) What is the procedure for monitoring of post analytical variables ?
  - (4) What are the five steps for HAZCHEM SAFETY ?
  - (5) What is Informed Consent ?
  - (6) Classify Estrogens hormones.
- (b) Attempt any **three** of the following : **3×3=9**
- (1) What are the methods of competency testing ?
  - (2) What are the managerial duties and responsibilities ?
  - (3) What are the quality system essentials in clinical laboratory ?
  - (4) Write a note on Bacteria exposure.
  - (5) What are the difference between Medical Law and Ethics ?
  - (6) How medical records are retained and destructed ?
- (c) Attempt any **two** of the following : **2×5=10**
- (1) What are the objectives of national health laboratory policy ?
  - (2) What are the key components of National standards for infrastructure, tests, techniques and equipment ?
  - (3) How to prevent medical liability cases ?
  - (4) Write a note on first aid kit.
  - (5) What are the importance's of confidentiality in healthcare ?
- 3** (a) Attempt any **three** of the following : **3×2=6**
- (1) What is EQC ?
  - (2) When is a laboratory investigation urgent ?
  - (3) What are the goals of POCT ?
  - (4) What is disinfection ?
  - (5) Give examples of diagnostic errors.
  - (6) For which group's additional care must be taken on Ethical Research ?

- (b) Attempt any **three** of the following : **3×3=9**
- (1) What are the factors affecting lab test results ?
  - (2) What are the potential risks for human subjects involved in research ?
  - (3) Write a note on precision and accuracy checks.
  - (4) Why confidentiality of reports is needed ?
  - (5) What are the general applications of Ethical Principles ?
  - (6) What are the roles of IRB in research ?
- (c) Attempt any **two** of the following : **2×5=10**
- (1) Write a note on SOP.
  - (2) Write a note on OSHA Regulations.
  - (3) Discuss about Human Rights and Medical Practices.
  - (4) What are the primary roles of Anatomical Pathologists ?
  - (5) What is the Statement of general principles of Ethical Research ?
-