

### SECTION-D

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Explain the role of medical laboratory management in total healthcare.
- Q.24 Write a detailed note on internal and external quality assurance.
- Q.25 a) Write a note on role of computers in lab services.(4)
- b) Explain first aid in case of toxic gas inhalation in clinical laboratory.(4)

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**4th Sem./ DMLT, DMLT**  
**( For Speech and Hearing Impaired)**  
**Subject : Medical Laboratory Management**

Time : 3 Hrs.

M.M. : 60

### SECTION-A

**Note:** Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 Medical laboratory management is important in:
- a) Providing better healthcare facilities
  - b) Better financial managements of clinical laboratories
  - c) Improved inventory control in clinical laboratories
  - d) All the above
- Q.2 Quality assurance is related to:
- a) Internal quality assurance
  - b) External quality assurance
  - c) Both (a) and (b)
  - d) None of these
- Q.3  $H_2SO_4$  is an example of an:
- a) Alkali
  - b) Acid
  - c) Base
  - d) All of these

- Q.4 Maintaining confidentiality of medical data is important as per medical ethics and medical laws:  
 a) True                              b) False  
 c) None of these                  d) Both (a) and (b)
- Q.5 Computers have helped in medical laboratory services by:  
 a) Saving time  
 b) Effective and fast retrieval  
 c) Large scale handling of medical information and data  
 d) All of these
- Q.6 Accuracy may be define as:  
 a) Closeness to the true value  
 b) Closeness between the repeated values  
 c) Both (a) and (b)  
 d) None of the above

### SECTION-B

**Note:** Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 Define total healthcare.  
 Q.8 Define importing.  
 Q.9 Write any two examples of funding agencies for clinical laboratories.  
 Q.10 Write any two examples of acids used in clinical laboratory.  
 Q.11 Define medical ethics.  
 Q.12 Define of storage.

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### SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Diagrammatically explain the layout of clinical laboratory.  
 Q.14 Write any four facilities which are very important in clinical laboratory for providing best medical care to the patients.  
 Q.15 Explain accuracy and precision using an example.  
 Q.16 Write a short note on material management in clinical laboratory.  
 Q.17 Write a detailed note on disposal of biomedical waste.  
 Q.18 Explain the care and maintenance of microscope used in clinical laboratory.  
 Q.19 Write the procedure for accreditation of clinical laboratory.  
 Q.20 Briefly differentiate medical ethics and code of conduct.  
 Q.21 Write any four applications of computers in clinical laboratory.  
 Q.22 Describe storage and retrieval of medical data with the help of computers in clinical laboratory.

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