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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 The examples of clinical laboratory equipment's include:

- a) Centrifuge                      b) Microscope
- c) Microtome                      d) All the above

Q.2 The inventory management principle is/are:

- a) ABC analysis
- b) First In, First Out principle.
- c) Both (a) and (b)
- d) None of these

Q.3 NaOH is an example of an:

- a) Alkali                              b) Acid
- c) Neutral                              d) All of these

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Q.4 Examples of biomedical waste are:

- a) Lancets
- b) Syringes and Needles
- c) Human body fluid samples
- d) All the above

Q.5 Which of the following is/are the accreditation body/bodies in India?

- a) NABL                              b) NABH
- c) NABCB                              d) All of these

Q.6 Precision may be defined as:

- a) Closeness to the true value
- b) Closeness between the repeated values
- c) Both (a) and (b)
- d) None of these

**SECTION-B**

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

Q.7 Define layout.

Q.8 Define procurement.

Q.9 Define standard deviation.

Q.10 Write any two examples of biomedical waste.

Q.11 Define confidentiality.

Q.12 Define retrieval.

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### SECTION-C

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

- Q.13 Write the role of medical laboratories in providing total healthcare to the patients.
- Q.14 Explain the importance of medical laboratory management.
- Q.15 Describe the different financial resources for funding of clinical laboratories.
- Q.16 Differentiate between precision and accuracy.
- Q.17 Write any four safety measures to be followed in clinical laboratory.
- Q.18 Explain the care and maintenance of centrifuge used in clinical laboratory.
- Q.19 Write a detailed note on insurance for professional health hazards for lab personnel's
- Q.20 Define medical ethics and write its importance.
- Q.21 Write a short note on uses of computers for various lab services.
- Q.22 Explain how the laboratory data is stored and retrieved in computers.

### SECTION-D

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

- Q.23 Write in detail about layout and various facilities in clinical laboratory.
- Q.24 Explain in detail about quality assurance in clinical laboratory.
- Q.25 (a) Describe the procedure of laboratory accreditation.  
(b) Explain first aid in case of acid burn in clinical laboratory.