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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

**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.

(1)

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(2)

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## **SECTION-C**

**Note:** Short answer type questions. Attempt any eight questions out of ten questions.  $(8 \times 4 = 32)$

- 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.  $(2 \times 8 = 16)$

- 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.