

4th Sem, **Branch : DMLT****Subject : Medical Lab Management****Time : 3 Hrs.****M.M. : 100****SECTION-A**

Note: Multiple choice questions. All questions are compulsory. (10x1=10)

- Q.1 LIMS is used to ensure
- Storage of quality control data
  - Track reagents
  - Improve lab efficiency
  - All of these
- Q.2 The reagent used to treat acid burn in laboratory are:-
- 5% sodium hydroxide
  - 5% sodium chloride
  - 5% sodium carbonate
  - None of these
- Q.3 The accreditation body for clinical laboratories is
- NBA
  - NAAC
  - NABL
  - None of these
- Q.4 Widal test is used to detect
- Malaria
  - Dengue
  - Typhoid
  - None of these

- Q.5 According to BMW disposal rules which coloured container is used to dispose solid wastes.
- Red
  - Yellow
  - Blue
  - Black
- Q.6 The other than used for medical negligence is
- C PA
  - Autonomous
  - Tort
  - None of these
- Q.7 Which substance is used to remove biological spillage?
- Acids
  - Antiseptics
  - Antibiotics
  - Bases
- Q.8 The various factors in which QAS can be grouped are
- Pre analytical
  - Analytical
  - Post analytical
  - All of these
- Q.9 Natural anticoagulant present in blood are:-
- EDTA
  - Oxalate
  - Citrate
  - Heparin
- Q.10 The significance of motivation is that ensures
- High efficiency
  - Success of lab
  - Better Image
  - All of these

**SECTION-B**

**Note :** Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 PCV stands for \_\_\_\_\_.
- Q.12 Binocular microscope contains \_\_\_\_\_ eye pieces.

- Q.13 \_\_\_\_\_ causes malaria.
- Q.14 Life span of platelets is \_\_\_\_\_.
- Q.15 QA stands for \_\_\_\_\_.
- Q.16 Cytology is the study of \_\_\_\_\_.
- Q.17 Blood bank is also known as \_\_\_\_\_.
- Q.18 S.D. Stands for \_\_\_\_\_.
- Q.19 The instrument used for determining the PH of a solution is \_\_\_\_\_.
- Q.20 Normal range of R.B.C is \_\_\_\_\_.

### SECTION-C

**Note :** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 What are inter-personal relations?
- Q.22 What is the significance of Accreditation of Labs
- Q.23 List safety precautions taken in haematology laboratory.
- Q.24 Explain anxiety.
- Q.25 What is the importance of care and maintenance of laboratory equipments?
- Q.26 Explain internal and external quality control.
- Q.27 Explain the steps of stress management.
- Q.28 Define standard deviation and explain it's formula.
- Q.29 Explain the role of Medical Lab Technology in health care.
- Q.30 Write a note on first aid box in laboratory.
- Q.31 Define phlebotomist and explain his duties.

- Q.32 What is biological waste and explain it's disposal.
- Q.33 Define daily inventory and work bench inventory.
- Q.34 Define leader. Explain the qualities of good leader.
- Q.35 What is quality assurance? What are it's types.

### SECTION-D

**Note :** Long Answer type question. Attempt any two questions. (2x10=20)

- Q.36 Draw a layout of a hospital laboratory.
- Q.37 What is the role of Medical Lab Technology in total health care?
- Q.38 Explain the role of computers in Medical Laboratory.