

No. of Printed Pages : 4

221915

Roll No.

**1st Sem. / DMLT, DMLT
(For speech and Hearing Impaired)**

Subject : Fundamentals of MLT

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 For urine collection _____ is used
- a) Flask b) Beaker
- c) Bucket d) Wide mouth bottle
- Q.2 Any analyzer is used for
- a) Histology tests
- b) Molecular tests
- c) Blood Biochemistry tests
- d) Culture tests
- Q.3 Which is not an anticoagulant
- a) CPTD b) Heparin
- c) Double oxalate d) EDTA

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Q.4 Normal pH of blood is

- a) 8.2 b) 9.5
- c) 7.4 d) 6.5

Q.5 HEPA filters are present in

- a) Autoclave b) Laminar Air flow
- c) Microscope d) None of above

Q.6 Microtome is used to study

- a) Tissue Sections b) Organs
- c) Blood d) Urine

SECTION-B

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

- Q.7 Name any few components of first aid.
- Q.8 What is the use of syringe?
- Q.9 Write the components of blood.
- Q.10 What is a colorimeter?
- Q.11 Name any two anticoagulants.
- Q.12 Syringes are made up of _____

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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 uses of water distillation unit.
- Q.14 Write a brief note on the different types of Hazards in laboratory.
- Q.15 Enlist the essential requirement for blood collection.
- Q.16 Write down the types of centrifuge machine.
- Q.17 What are the applications of hot air oven?
- Q.18 Write down the principle of compound microscope.
- Q.19 Write a note on tissue processing unit.
- Q.20 Elaborate the basic code of ethics applicable on a laboratory personal.
- Q.21 Write a note on pH meter.
- Q.22 Define colour coding for biomedical waste management.

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SECTION-D

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

- Q.23 Explain the different types of syringes used for blood collection.
- Q.24 Write about principle of Hematology cell counter with its applications.
- Q.25 Write about the different types of electron microscope.

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