No. of Printed Pages : 4 221915
Roll No. .....

1st Year /DMLT, DMLT
(For Speech and Hearing Impaired)
Subject:- Fundamentals of MLT

Time : 3Hrs. M.M. : 60

SECTION-A

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

Q.1 Normal pH of urine is

a) 8.2 b) 9.5

c) 7.4 to 8.5 d) 6 to 7.5

Q.2 Hematology analyzer is used for

a) Histology tests b) Molecular tests

c) Blood tests d) Culture tests

Q.3 Common blood banking anticoagulant is

a) CPDA b) Heparin

c) Double oxalate d) EDTA

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 the above

Q.6 Microtome is used to cut the

a) Tissue sections b) Brain

c) Blood d) Urine

SECTION-B

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

Q.7 Expand HEPA.

Q.8 What is the use of phlebotomy chair?

Q.9 What is blood?

Q.10 What is a tourniquet?

Q.11 Give the use of anticoagulants.

Q.12 Syringes are made up of _____

SECTION-C

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

Q.13 Write how to stop the bleeding from nose.

Q.14 Why labeling is important before sample collection?

Q.15 Enlist the essential requirement for blood collection.

Q.16 Write down the working principle of centrifuge machine.

Q.17 What are the applications of BOD incubator?

Q.18 Write down the principle of phase contrast microscope.

Q.19 Write a note on tissue processing unit.

Q.20 Elaborate the basic code of ethics for medical laboratory personal.

Q.21 Give the use of pH meter.

Q.22 What is biomedical management?

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 Blood cell counter (Impedance method) with its applications.

Q.25 Write a brief note on the different types of laboratory hazards.