

No. of Printed Pages : 4
Roll No.

221915

1st Sem / Branch : DMLT
Sub.: Fundamentals of MLT

Time : 3Hrs.

M.M. : 60

SECTION-A

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

- Q.1 For blood collection _____ is used.
a) Flask b) Beaker
c) Bucket d) Syringe
- Q.2 Hematology analyzer is used for
a) Histology tests
b) Routine Blood tests
c) Blood biochemistry tests
d) Culture tests
- Q.3 Common anticoagulant used in blood banks is
a) CPDA b) Heparin
c) Double oxalate d) EDTA
- Q.4 Normal pH of Urine is
a) 7.5 - 8.2 b) 9 - 9.5
c) 6 - 7.5 d) 5 - 6.5
- Q.5 HEPA filter are present in
a) Autoclave b) Laminar Air Flow
c) Microscope d) None of above

- Q.6 Microscope is used to see
a) Stars b) Micro organisms
c) Animals d) None of above

SECTION-B

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

- Q.7 What is First Aid?
Q.8 What is a tourniquet?
Q.9 Why lab coat is important in lab?
Q.10 Name any two common lab instruments.
Q.11 Slides are made up of _____.
Q.12 _____ are the chemical that stops blood clotting.

SECTION-C

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

- Q.13 Discuss about laboratory safety precautions in details.
Q.14 Give the uses of laminar.
Q.15 Why biomedical waste management is so important?
Q.16 Write the procedure of the blood collection with its requirements.

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- Q.17 Draw a diagram of Tissue processor unit.
- Q.18 Write about the types of microtome.
- Q.19 Give the type of syringes used for blood collections.
- Q.20 Write the principle of centrifuge machine and its applications.
- Q.21 Write the applications of BOD incubator.
- Q.22 How will you operate a membrane filter for the microbiological examination of water?

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (8x2=16)

- Q.23 Draw a well labeled diagram of microscope and explain its parts?
- Q.24 Write about the principle of blood cell counter with its applications.
- Q.25 Differentiate between physical and chemical balances.

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