

Roll no. _____

ID:221915

1st Semester

Branch: DMLT

Subject Name: Fundamentals of MLT

Time Allowed: 3 Hrs.

MM: 60

Section –A

Note: Multiple Choice questions. All questions are compulsory.

6x1=6

- Q.1 Refrigerator is used in _____.
(a) Washing (b) Mixing
(c) Bucket (d) Cooling
- Q.2 BOD incubator is used for
(a) Histology tests (b) Routine Blood test
(c) Blood biochemistry tests (d) culture
- Q.3 Common anticoagulant used for routine tests 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 filters are present in
(a) Autoclave (b) Laminar Air flow
(c) Microscope (d) None of above
- Q.6 Electron microscope is used to see
(a) Viruses (b) Fungi
(c) Animals (d) None of above

Section-B

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

- Q.7 What is First Aid?
- Q.8 Expand RPM?
- Q.9 Give the use of lab coat?
- Q.10 Name any two common lab instruments.
- Q.11 Petriplates 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 ethics in detail.
- Q.14 Give the uses of Distillation plant.
- Q.15 What do you mean by BMW? Why its management is so important?
- Q.16 Give the procedure of the blood collection with its requirements.
- Q.17 Differentiate between simple and compound microscope.
- Q.18 Write about the care and maintenance of colorimeter.
- Q.19 Give the types of syringes used for blood collection.
- Q.20 Write a note on centrifuge machine and its applications.
- Q.21 Differentiate between open blood collection system and closed blood collection system.
- Q.22 How will you operate a membrane filter for the microbiological examination of water?

Section-D

Note: Long answer questions. Attempt any two questions out of three questions.

2x8=16

- Q.23 Draw a well labeled diagram of microscope with its parts and give its working principal?
- Q.24 Explain the principle of biochemistry analyzer with its applications.
- Q.25 Explain about physical and chemical balances.