

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc.(MLS) (2011 to 2017) (Sem.-4)

HISTOTECHNOLOGY-I

Subject Code : BMLS-404

Paper ID : [D1152]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. **SECTION-A is COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

SECTION-A

Q1 Write a note on :

- A) Cytospin.
- B) Stropping technique.
- C) Adhesives.
- D) Safety measures in Histopathology Lab.
- E) Glutaraldehyde Fixative.
- F) Mucin Stains.
- G) Decalcification.
- H) Embedding Media.
- I) Harri's haematoxylin.
- J) Mordants.

SECTION-B

- Q2 What are the different methods of decalcification?
- Q3 Explain the method for the sharpening of microtome knives.
- Q4 Discuss various types of embedding media used in routine histopathology.
- Q5 Explain briefly simple fixatives.
- Q6 What are bio-hazards? Enlist safety measures in histopathology laboratory.

SECTION-C

- Q7 Describe principle and method of mallory'sphosphotungstic acid haematoxylin staining for paraffin sections.
- Q8 What is microtome? Mention various types of microtomes and describe the important parts of Rotary microtome.
- Q9 What is tissue processing? Write in detail about grossing of specimens and different steps of tissue processing.