

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc.(MLS) (Sem.-4)
HISTOTECHNOLOGY-I
Subject Code : BMLS-404
M.Code : 48119
Date of Examination : 13-07-22

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

1. Write a note on :

- a) Define Mounting media.
- b) What is Honing?
- c) Write a short note on internal controls.
- d) What is Meyer's albumin adhesive?
- e) What are Dehydrating agents?
- f) Write a short note on L-mould.
- g) Define Fixation.
- h) What are the uses of cytospin?
- i) What is Metachromasia?
- j) Write a short note on automatic tissue processor.

SECTION-B

2. Describe the procedure of embedding of tissues.
3. Write a note on safety precautions in histopathology laboratory.
4. Briefly explain the method of honing and stropping.
5. Discuss the principle and method of Haematoxylin & Eosin stain.
6. What is the need of labelling and cataloguing of paraffin blocks and slides?

SECTION-C

7. Explain various types of compound fixatives used in routine histopathology.
8. What are the different types of microtome? Discuss the problems faced during section cutting.
9. Discuss the procedure followed for tissue processing. Briefly explain the routine time schedule for automatic tissue processor.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.