

Roll No.

Total No. of Pages : 02

Total No. of Questions : 18

B.Sc. (MLS) (Sem.-5)
HISTOTECHNOLOGY-I
Subject Code : BMLS-504-18
M.Code : 78371

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 has to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students has to attempt any TWO questions.

SECTION-A

Answer briefly :

- 1) Histology
- 2) Dehydration
- 3) Fixation
- 4) Chelation
- 5) Calcification and Decalcification
- 6) Immunostaining
- 7) Osmosis and diffusion
- 8) Tissue preservation
- 9) Bacteria
- 10) Magnification

SECTION-B

- 11) Discuss the method of preparation and use of eosin staining.
- 12) Discuss the various parts and application of microtome.
- 13) What are primary and secondary antibodies used in immunohistochemistry?
- 14) Describe the method and chemicals used for tissue fixation.
- 15) What is osmosis? Discuss the process of tissue osmosis.

SECTION-C

- 16) Write down the various parts of light microscope and discuss its various applications.
- 17) Classify various types of bacteria and methods used for staining.
- 18) Discuss in brief the methods of Honing and stropping.

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.