

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc.(MLS) (2013 to 2017) (Sem.-4)

HISTOTECHNOLOGY-I

Subject Code : BMLS-404

M.Code : 48119

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) Biopsy
- B) Clearing agent.
- C) Stropping.
- D) Putrefaction.
- E) Dehydration.
- F) Ripening of Stain.
- G) Decalcification.
- H) Mordants.
- I) Regressive staining.
- J) Cryostat.

SECTION-B

2. Write the preparation and use of any one haematoxylin stain.
3. Explain Progressive and Regressive staining techniques.
4. Explain the method of Honing and stropping.
5. What are the different steps of “bringing the sections to water”?
6. What is the optimum cutting angle in microtome?

SECTION-C

7. Mention the various types of Haematoxylin. Explain Harris Haematoxylin.
8. What is Tissue Processing? Write in detail about reception of specimens and different steps of tissue processing.
9. What is Microtome? Mention different types of microtome and describe the important parts of Rotary Microtome.

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.