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Total No. of Pages : 01

Total No. of Questions : 08

B.Sc. (Medical Lab Sciences) (2018) (Sem.-6)

HISTOTECHNOLOGY-II & CYTOLOGY

Subject Code : BMLS-605-18

M.Code : 79488

Time : 2 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE question(s), each question carries 12 marks.

1. Describe Cryostat sectioning, its applications in diagnostic histopathology.
2. Briefly explain the method of collection and processing of bone marrow tissue for trephine Paraffin blocks.
3. Discuss the staining method to demonstrate the amyloid and in brief about classification and nomenclature of amyloids.
4. Write up the role and importance of metal impregnation in modern day histopathology lab.
5. Describe the artifact pigments, enlist the artifact pigment group and explain any two.
6. Describe Microtome; enlist the types of Microtome and write about Microtome knives used in laboratory practice.
7. What is Pap staining? Describe the cells seen in a normal vaginal smear with pap stain with labeled diagram.
8. Write brief note on **any Two** of the following :
 - a. Automation in histotechnology
 - b. Mounting media
 - c. Decalcification

Note: Any student found attempting answer sheet from any other person(s), using incriminating material or involved in any wrong activity reported by evaluator shall be treated under UMC provisions.

Student found sharing the question paper(s)/answer sheet on digital media or with any other person or any organization/institution shall also be treated under UMC.

Any student found making any change/addition/modification in contents of scanned copy of answer sheet and original answer sheet, shall be covered under UMC provisions.