Roll No. | | | | | | | | | | | | **Total No. of Pages : 02**

Total No. of Questions : 09

B.Sc. (MLS) (Sem.–6)

HISTOTECHNOLOGY-II CYTOLOGY

Subject Code : BMLS605-18

M.Code : 79488

Date of Examination : 05-01-2023

Time : 3 Hrs. **Max. Marks : 60**

INSTRUCTIONS 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 briefly :

a) Collagen fibers.

b) Demonstration of nucleic acid.

c) Special treatment for muscle biopsy.

d) Diagnostic application for oxidases.

e) Neuropathological techniques.

f) Fluid cytology.

g) Importance of ANA.

h) Application of phosphatases.

i) Cryostat sectioning.

j) What is vital staining?

SECTION-B

2. Write short note on tissue typing for kidney transplant.

3. Write special treatment for tissue like whole brain.

4. Explain the importance of T and B cells.

5. Give the demonstration of fat and fat like substances.

6. Write down the special staining procedures for detection of connective tissue elements.

SECTION-C

7. Give the demonstration of Protein and Nucleic acid with examples.

8. Explain the applications of cryostat sectioning in diagnostic histopathology.

9. Elaborate aspiration cytology with their principle, indication and utility.

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.