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

Total No. of Questions : 09

B.Sc.(MLS) (2013 to 2017) (Sem.–5)

HISTOTECHNOLOGY-II & CYTOLOGY

Subject Code : BMLS-504

M.Code : 70468

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. Answer briefly :

a. What do you mean by the term quenching in cryostat?

b. How do we prepare silver bath for metal impregnation?

c. What is supra-vital staining?

d. What is the use of MHC molecules in immune response?

e. What is the function of NK cells?

f. What is the composition of EA-36?

g. Name some tissues which require special treatment.

h. Discuss Congo red staining.

i. What is principle of polarizing microscope?

j. How mercuric pigments are removed from tissue sections?

SECTION-B

2. Discuss composition and significance of various solutions used in museum techniques.

3. What is metal impregnation? How it is important in modern day histopathology lab?

4. Explain the principle and method of ZN staining.

5. Write a short note on HLA typing.

6. What is FNAC? Discuss the applications and limitations of FNAC.

SECTION-C

7. Discuss cryostat sectioning, its applications and diagnostic use in histopathology.

8. Describe various special stains used to demonstrate various connective tissue elements.

9. What is immuno-histochemistry? What are its types and discuss its clinical relevance?

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.