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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc.(MLS) (2014 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) Schiff's reagent.
- B) Neutral mucins.
- C) Cellular immunity.
- D) Cell paraffin block.
- E) Snap freezing.
- F) ELISA.
- G) Basic Fuchsin.
- H) Bluing reagent.
- I) Museum techniques.
- J) PAP smear.

SECTION-B

2. Explain the principle and uses of enzyme-histochemistry.
3. Discuss the staining method to demonstrate the amyloid.
4. Explain Progressive and Regressive staining techniques.
5. Describe the principle and method of PAS stain.
6. What is the method of preparation and procedure of Oil Red O staining technique?

SECTION-C

7. What is Pap staining? Describe the cells seen in a normal vaginal smear with pap stain.
8. Briefly explain the method of collection and processing of bone marrow tissue for trephine paraffin blocks.
9. Describe the method of reagents preparation and procedure of ziehl neelsen staining technique for TB.

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.