

**2103000206020073**  
**EXAMINATION FEBRUARY-MARCH 2024**  
**BACHELOR OF SCIENCE (SIXTH SEMESTER)**  
**MEDICAL LABORATORY TECHNOLOGY-XIX (MLT-19-**  
**HISTOLOGY AND CYTOLOGY) - LEVEL 2**

[Time: As Per Schedule]

[Max. Marks: 50]

**Instructions:**

**1. Fill up strictly the following details on your answer book**

- a. Name of the Examination: **BACHELOR OF SCIENCE (SIXTH SEMESTER)**
- b. Name of the Subject: **MEDICAL LABORATORY TECHNOLOGY-XIX (MLT-19-HISTOLOGY AND CYTOLOGY) - LEVEL 2**
- c. Subject Code No: **2103000206020073**

2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

**Q.1 Answer the following:**

**8**

1. Explain Impression smear preparation
2. Name different embedding medium
3. Define honing and write its use
4. Define cytology. Enlist the staining methods used in cytology.

**Q.2 Comment or explain ANY TWO of the following: -**

**14**

1. Enlist decalcifying agents and explain any three in detail.
2. What is FNAC? Explain its collection procedure and smear preparation.
3. Write a note on Frozen sectioning

**Q.3 Answer ANY ONE of the following:**

**12**

1. Enlist steps of tissue processing and explain any two in detail.
2. Write an Essay on Microtome

**Q.4 Write short note on ANY TWO of the following:**

**16**

1. General outline procedure
2. Dehydration
3. Role of diagnostic cytology.

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