

THE APOLLO UNIVERSITY

Saketa, Chittoor, AP

AHS- IV Semester End Examination, June, 2024

**PAPER -III– MLTT 2506 - CYTOPATHOLOGY AND MOUNTING OF
MUSEUM SPECIMENS**

Time: 3 hours

Max. Marks: 60

Section –A (10x2=20 marks)

Answer all Questions with Short Answers

1. Advantages and disadvantages of fixation in cytology lab.
2. Mention various instruments used in cytology lab.
3. PAP features in Bacterial vaginosis.
4. Write indications of pleural analysis.
5. Advantages of FNAC
6. Differences between air dried and wet fixed smears.
7. Indications of Imprint cytology
8. Applications of crush smear cytology
9. Source of specimens
10. Steps in plastination

Section –B (5X8=40 marks)

Answer all Questions either A or B in 400 words each

11. A) Discuss the processing of various samples in cytology.

OR

B) Write the types of specimens. Methods of collection and add a note on preparation of cell block.

12. A) Discuss the cytological features of secretory phase in PAP smear with suitable diagrams.

OR

B) Describe difference between normal, malignant and non-malignant features in PAP smear.

13. A) Define FNAC describe the advantages, disadvantages and limitations of FNAC. Mention the equipments needed and preparation.

OR

B) Explain the differences between microscopic features of benign and malignant in pathologic conditions.

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14. A) Discuss the Processing of imprint cytology samples.

OR

B) Elaborate the Techniques used in sediment cytology.

15. A) Describe the Preparation of the specimens.

OR

B) Discuss in detail the Museum techniques.
