

2207H011

BACHELOR OF VOCATION
Medical Laboratory Technology
Subject: Diagnostic Cytology
Subject Code: MLT-604
Semester: Fourth
July 2022
Theory (External): 35 Marks
Time: 03 Hours

Instructions to the Students

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of objective type in nature. All questions are compulsory. Each question carries 1 mark.
3. Section B comprises 8 essay type questions out of which students need to do any 5. Each question carries 5 marks.
4. Read the questions carefully and write the answers in the answer sheets provided.
5. Do not write anything on the question paper.
6. Wherever necessary, the diagram drawn should be neat and properly labelled

Roll Number

--	--	--	--	--	--	--	--	--	--	--	--	--

SECTION –A (SHORT/OBJECTIVE TYPE QUESTIONS)
(10x1=10 Marks)

- A. Function of Mitochondria
- B. Difference between Benign and Malignant Tumor
- C. MGG stands for _____
- D. Expand FNAC.
- E. Fixatives used in cytology
- F. What is Immunocytochemistry?
- G. Define Cell?
- H. Name any one mounting media
- I. Name any two cytological staining techniques.
- J. What is aspiration cytology?

SECTION –B (ESSAY TYPE QUESTIONS)
(5x5=25 Marks)

1. Write short note on Automation in Cytology.
2. Elaborate the principle, Procedure and significance of PAP staining.
3. Describe in detail the collection, Transportation, preservation and processing of BAL sample.
4. Explain the processing and staining of FNAC sample.
5. Describe the characteristics of Malignant cell.
6. Describe the equipments and instruments used in cytology laboratory.
7. What is Exfoliative Cytology? Describe in detail the sample collection and its processing.
8. How will you demonstrate Sex Chromatin in laboratory? Describe the procedure in detail.

==END OF PAPER==