

Seat No.: _____

Enrolment No. _____

PARUL UNIVERSITY
DEPARTMENT OF PARAMEDICAL AND HEALTH SCIENCES
B.Sc. Med .Sci. March – 2023 Examination.

Year: 3

Date: 29/03/2023

Subject Code: 19106306

Time: 10:00am to 10:45am

Subject Name: MLT MOD-3 Applied Pathology

Total Marks: 30

Instructions:

1. Attempt all questions from each section
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.

Q.1: Definition (any 5 out of 6) (Each 1 Mark) 05 marks

- (i) Define cytology.
- (ii) Full form of FNAC.
- (iii) Various samples for cytological smear preparations.
- (iv) Define wet smear preparation.
- (v) Who has discovered Papinocolou's stain?
- (vi) Define Exfoliative cytology.

Q.2: Short question (any 5 out of 6) (Each 2 Mark) 10 marks

- (i) Difference between normal cell characteristics & Malignant cell characteristics.
- (ii) Enlist a patient's preparation for exfoliative cytology.
- (iii) Short note on direct & Indirect smear preparation.
- (iv) Explain cytological specimen collection of cervical smear & Vaginal pool Smear.
- (v) What are the different types of fixatives for cytology?
- (vi) Cytology of Respiratory Tract.

Q.3: Long question (any 3 out of 4) (Each 5 Mark) 15 marks

- (i) Write a short note on ABO Blood grouping & Rh system.
- (ii) Write a detail note on cytology of body fluids: Urine, CSF.
- (iii) Explain FNAC in detail.
- (iv) Procedure & Principle of PAP Stain.