



**PATHOLOGY**  
**PAPER – II**

PATH/D/14/32/II

Time : 3 hours  
Max. Marks : 100

**Important instructions:**

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. a) Classify liver functions tests. 4+6  
b) Discuss the tests which assess synthetic and metabolic functions of liver.
2. a) Discuss the pitfalls of FNAC in diagnosis of salivary gland tumours. 5+5  
b) Bethesda system for reporting of thyroid lesions.
3. a) Bronchoalveolar lavage in diagnosis of lung lesions. 5+5  
b) Applications of scrape cytology in diagnostic pathology.
4. a) Role of microscopic examination of urine in diagnosis of renal pathology. 5+5  
b) Cytospin preparation Vs Liquid based cytology.
5. a) Cytological grading of breast carcinoma. 5+5  
b) Procedure, advantages and disadvantages of endoscopic ultrasound guided FNA.
6. a) Laboratory diagnosis of myocardial infarction. 5+5  
b) Chromosomal breakage syndromes.
7. a) Cytology of nipple discharge in breast lesions. 5+5  
b) Immune markers in diagnosis of various types of thyroiditis.
8. a) FNAC of testicular tumours. 5+5  
b) New diagnostic modalities in plasma cell dyscrasia.
9. a) Cancer stem cells 5+5  
b) Microalbuminuria
10. a) Interstitial pneumonias. 5+5  
b) CNS manifestations of HIV infection.

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