

QP Code: 101110

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Pathology  
(MD) January 2025**

**Paper I – General Pathology, Pathophysiology, Immunopathology and  
Cytopathology**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. Discuss the multistep theory of carcinogenesis with an example. Describe the role of tumor suppressor genes in carcinogenesis

**Short Essays:**

**(8x10=80)**

2. Conventional pap smear vs. liquid based cervical cytology – advantages and disadvantages
3. Paris system of reporting urine cytology
4. Role of Adhesion molecules in inflammation
5. Pathogenesis of thrombus formation
6. Giant cells in health and disease
7. Pathogenesis of immunodeficiency in AIDS
8. Silver impregnation techniques in histopathology
9. Protein energy malnutrition

\*\*\*\*\*