

QP Code: 101110

Reg. No.:.....

**PG Degree Supplementary Examinations in Pathology (MD)
July 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. Define apoptosis and discuss the causes and mechanisms involved.

Short Essays:

(8x10=80)

2. Fat embolism.
3. Role of macrophages in inflammation.
4. Mechanisms of allograft rejection.
5. Viral oncogenesis.
6. Fragile X syndrome.
7. Discuss the process, factors involved and complications of tissue repair by connective tissue deposition.
8. Urine cytology – Utility and limitations.
9. Radiation injury.
