

**QP CODE: 201326**

**Reg. No: .....**

**Second Year Pharm D Degree Supplementary Examinations  
April 2024**

**Pathophysiology**

**Time: 3 Hours**

**Total Marks: 70**

- *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*

**Essays**

**(3x10=30)**

1. Explain the pathophysiology of irreversible cell injury.
2. Explain the pathogenesis of acute inflammation.
3. Explain the etiology and pathogenesis of cancer.

**Short notes**

**(8x5=40)**

4. Glycogen storage diseases.
5. Chronic inflammation.
6. Factors influencing wound healing.
7. Types of T-cells and B-cells.
8. Type-1 hypersensitivity reactions.
9. Hypovolemic shock.
10. Signs and symptoms of Parkinsonism.
11. Complications of chronic kidney failure.

\*\*\*\*\*