

QP CODE: 201326

Reg. No:

**Second Year Pharm D Degree Regular/Supplementary Examinations
November 2021**

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. Discuss on types of necrosis and apoptosis with suitable example.
2. Explain the etiology and pathophysiology of hypertension.
3. Describe the etiology, pathophysiology and prevention of HIV infection.

Short notes

(8x5=40)

4. Enumerate the chronic inflammatory process.
5. Mechanisms and stages of shock.
6. Pathogenesis of cancer.
7. Explain the effects of air pollution.
8. Discuss on the stages and pathogenesis of alcoholic liver disease.
9. Classify autoimmune diseases.
10. Functions of T and B cells.
11. Enumerate pathogenesis of acute renal failure.
