

QP CODE: 201326

Reg. No:

**Second Year Pharm D Degree Supplementary Examinations
August 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. Explain in detail the pathogenesis and morphology of cell injury.
2. Describe about vitamin B₆ and B₁₂ deficiency diseases.
3. Explain the etiology and pathophysiology of congestive cardiac failure.

Short notes

(8x5=40)

4. Explain inflammatory mediators.
5. Define autoimmunity and mechanisms of autoimmunity.
6. Enumerate on various stages of urinary tract infections.
7. Pathophysiology of schizophrenia.
8. Differentiate benign and malignant tumors with suitable examples.
9. Allograft rejection mechanism.
10. Explain the pathophysiology and prevention of malaria.
11. Enumerate the biological effects of radiation.
