

**QP Code: 224006**

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

**Second Semester B. Pharm Degree Supplementary Examinations  
February 2025**

**Pathophysiology  
(2017 Scheme)**

**Time: 3 Hours**

**Max. Marks: 75**

- *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 diagrams wherever necessary*

**Essays**

**(2x10=20)**

1. Describe the pathophysiology of cell injury and cell death
2. Explain the etiology and pathogenesis of bronchial asthma

**Short Notes**

**(7x5=35)**

3. Explain in detail about the mechanisms of cellular adaptation
4. Write the etiology, symptoms and pathophysiology of acute renal failure
5. Discuss clinical presentations and pathophysiology of congestive cardiac failure
6. Explain the etiology and pathophysiology of iron deficiency anemia
7. Explain pathophysiology of thyroid disorders
8. Discuss pathophysiology of peptic ulcer disease
9. Explain the etiology, clinical presentations and pathophysiology of tuberculosis

**Answer Briefly**

**(10x2=20)**

10. Pathogenesis of AIDS
11. Write the signs and symptoms of Parkinsonism
12. Discuss the symptoms and pathophysiology of depression
13. Write the pathophysiology of myocardial infarction
14. Discuss the etiology, symptoms of gout
15. Explain the etiology, clinical presentations of gonorrhoea
16. What are the categories of neoplasms
17. Enumerate the important events involved in chronic inflammation
18. Write the pathophysiology of osteoporosis
19. Discuss pathophysiology of ulcerative colitis

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