

QP Code: 224006

Reg. No.....

**Second Semester B. Pharm Degree Supplementary Examinations
February 2026**

**Pathophysiology
(2017 and 2024 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. Explain in detail about the mechanisms of cellular adaptation
2. With neat illustration, explain pathophysiology of rheumatoid arthritis

Short Notes

(7x5=35)

3. Explain the etiology and pathogenesis of myocardial infarction
4. Write the etiopathogenesis and clinical presentations of diabetes mellitus
5. Explain the causes of cell injury
6. Describe the pathophysiology of atherosclerosis
7. Write the etiology and pathophysiology of chronic obstructive pulmonary disease
8. Describe the pathophysiology of alcoholic liver disease
9. Explain the mechanisms of acute and chronic inflammation

Answer Briefly

(10x2=20)

10. What are the factors influencing wound healing
11. Discuss the etiology and pathophysiology of ulcerative colitis
12. Write the pathophysiology of Alzheimer's diseases
13. What are symptoms of schizophrenia
14. Write the etiopathogenesis of hypertension
15. Write the pathophysiology of typhoid
16. Write the difference between benign and malignant tumours
17. What are various types of urinary tract infections
18. Discuss the pathogenesis of Acquired Immunodeficiency Syndrome (AIDS)
19. Write pathophysiology of meningitis
