

QP Code: 224006

Reg. No.....

**Second Semester B. Pharm Degree Regular/Supplementary  
Examinations January 2024**

**Pathophysiology  
(Common for 2017 and 2022 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. Discuss about the mechanism of cell injury.
2. Discuss in detail about the mechanism of acute inflammation.

**Short Notes**

**(7x5=35)**

3. Rheumatoid arthritis
4. Disorders of sex hormone
5. Meningitis
6. Gonorrhoea
7. Acute renal failure
8. Mediators of inflammation
9. Calcification

**Answer Briefly**

**(10x2=20)**

10. Hyperplasia
11. Schizophrenia
12. Gangrene
13. Atherosclerosis
14. Electrolytes imbalance
15. Typhoid
16. Sickle cell anemia
17. Hemophilia
18. Osteoporosis
19. Vitamin B<sub>12</sub> deficiency

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