

QP Code: 224006

Reg. No.....

**Second Semester B.Pharm Degree Regular/Supplementary  
Examinations August 2019  
Pathophysiology  
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- Answer all questions
- Draw diagrams wherever necessary

**Essays**

**(2x10=20)**

1. Define cell injury and describe the pathogenesis of cell injury.
2. Discuss the etiopathogenesis of heart failure.

**Short Notes**

**(7x5=35)**

3. The different types of cellular adaptations with examples
4. Mediators of inflammation.
5. The pathogenesis of hypertension.
6. The different types of epilepsy.
7. The etiology of peptic ulcer disease
8. The signs and symptoms of schizophrenia.
9. The pathogenesis of AIDS

**Answer Briefly**

**(10x2=20)**

10. Migration of WBC.
11. Define calcification. Give example for dystrophic calcification.
12. The trigger factors for an asthma attack.
13. Any four complications of chronic renal failure.
14. The signs and symptoms of anemia
15. The signs and symptoms of Parkinson's disease.
16. The causative organisms of infectious hepatitis.
17. The risk factors for osteoporosis.
18. Any two differences between benign and malignant cancer.
19. The causative organisms of meningitis

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