

**VINAYAKA MISSION'S RESEARCH FOUNDATION  
(DEEMED TO BE UNIVERSITY), SALEM**

**B.PHARM. DEGREE EXAMINATION – JANUARY 2020  
Second Semester**

**PATHOPHYSIOLOGY**

Time : Three hours

Maximum: 75 marks

I. Write essays on any **TWO** questions: (2 x 10 = 20)

1. Elaborate on etiology and pathogenesis of congestive heart failure.
2. Discuss about disease of bones and joints.
3. Detail about pathogenesis and classification of anemia.

II. Write short answers on any **SEVEN** questions: (7 x 5 = 35)

4. Brief on mechanism of inflammation.
5. Note on complication of diabetes mellitus.
6. Write the pathogenesis of cell injury.
7. Explain about principles in wound healing.
8. Brief about etiology of acute renal failure.
9. Note on pathogenesis of meningitis.
10. Write about types and symptoms of epilepsy.
11. Give note on complication of AIDS.
12. Brief about chemical mediators of inflammation.

III. Write short notes on : (10 x 2 = 20)

13. Define cell injury.
14. What is dysplasia with example?
15. Apoptosis.
16. Define hypertension.
17. What is emphysema?
18. Types of hepatitis.
19. Signs and symptoms of peptic ulcer.
20. Define inflammatory bowel disease.
21. Etiology of cancer.
22. Define atherosclerosis.

\*\*\*\*\*