

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

**B.PHARM. DEGREE EXAMINATION – JULY 2019
Second Semester**

PATHOPHYSIOLOGY

Time : Three hours

Maximum: 75 marks

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

1. Define cell injury. Explain in detail about morphology of cell injury.
2. Give in detail about types of inflammation with their mechanism.
3. Discuss about etiology and pathogenesis of acute and chronic renal failure.

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

4. Write notes on clinical signs of inflammation.
5. Define hypertension and write its pathophysiology.
6. Write about AIDS.
7. Explain about classification of cancer.
8. Write the difference between emphysema and bronchitis.
9. Write note on tuberculosis.
10. Explain the signs and symptoms of leprosy.
11. Write the diagnosis of peptic ulcer.
12. Write note on iron deficiency anemia.

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

13. Calcification
14. Atherosclerosis
15. Aneurysm
16. Thalasemia
17. Status epilepticus
18. Cirrhosis
19. Causes of cancer
20. Signs of Gonorrhoea
21. Crohn's disease
22. Types of stroke.