

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

**B.PHARM. DEGREE EXAMINATION – July 2021  
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 diabetes mellitus.
2. Discuss about psychiatric disorders.
3. Detail about pathogenesis and classification of cancer.

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

4. Write on morphology of cell injury.
5. Note on complications of stroke.
6. Write the pathogenesis of myocardial infarction.
7. Explain about types of inflammation.
8. Brief about Typhoid.
9. Note on pathogenesis of rheumatoid arthritis.
10. Write about types and symptoms of epilepsy.
11. Give note on sickle cell anemia and hemophilia.
12. Brief about signs and symptoms of sexually transmitted diseases.

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

13. Define acute inflammation.
14. What is atrophy and hypertrophy?
15. Necrosis.
16. Define angina pectoris.
17. What is alcoholic liver disease?
18. Gout.
19. Signs and symptoms of hyperthyroidism.
20. Complications of urinary tract infection.
21. Etiology of osteoporosis.
22. Thalassemia.

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