

Sl.No. M21611

Course Code: 3200201

**VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)**

**Pharm.D DEGREE EXAMINATION - July 2019
Second Year**

PATHOPHYSIOLOGY

Time: Three hours

Maximum: 70 marks

I. Write essays on any **TWO** questions: (2 x 15 = 30)

1. Explain the causes and pathogenesis and morphology of cell injury.
2. Explain about the repair of wound in the skin and factor influencing healing of wound.
3. Define cancer. Write difference between benign and malignant tumors. Describe about general biology of tumors.

II. Write short answers on any **SIX** questions: (6 x 5 = 30)

4. Pathophysiology of diabetes mellitus.
5. Write about the pneumonia.
6. Pathophysiology of mania.
7. Discuss detail about hypertension.
8. Sign, symptoms and diagnosis of myocardial infarction.
9. Discuss detail about stroke (ischemic and hemorrhage).
10. Types of shock and its management
11. Etiology and pathogenesis of cancer

III. Write short notes on any **FIVE** question: (5 x 2 = 10)

12. Pathogenesis of starvation.
13. Effect of carbon monoxide.
14. Pathophysiology of angina.
15. Write about air pollution.
16. What is vitamin D?
17. Mechanism of shock.
