

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

Pharm.D DEGREE EXAMINATION August 2018
Second Year

PATHOPHYSIOLOGY

Time: Three hours

Maximum: 70 marks

I. Write essays on any **TWO** questions: (2 x15 = 30)

1. Explain the etiology and pathogenesis of acute inflammation
2. Define and classify tumors . Explain the general biology of malignant tumors
3. Describe eth etiology, pathophysiology, signs, symptoms and diagnosis of depression

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

4. Plasma derive mediators of inflammation
5. Source and targets of cytokines
6. Glycogen infiltration diseases
7. Vitamin A deficiency diseases
8. Signs, symptoms and diagnosis of Crohn's disease
9. Etiology, mode of transmission and prevention of syphilis
10. Pathophysiology of myocardial infarction
11. Lifecycle of Plasmodium

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

12. Signs and symptoms of parkinsonism
13. Diagnosis of acute renal failure
14. Role of macrophages
15. Effects of sulphur dioxide
16. Features of intrinsic asthma
17. Define emigration and diapedesis
