

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

**Pharm.D DEGREE EXAMINATION - February 2020  
Fourth Year**

**PHARMACOTHERAPEUTICS - III**

Time: Three hours

Maximum: 70 marks

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

1. Describe the pathophysiology, clinical manifestations, neurochemical basis and pharmacotherapy of Parkinsonism.
2. Describe the pathophysiology, clinical manifestations and pharmacotherapy of viral hepatitis including jaundice.
3. Discuss in detail the pathogenesis, clinical signs and symptoms and investigations, complications and treatment of peptic ulcer disease.

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

4. Explain the drug induced blood disorders.
5. Define pain and outline the pain pathways.
6. Explain the various types of anemia and treatment.
7. Drug induced hepato cellular necrosis and cirrhosis.
8. Define Headache and give their management.
9. Drug therapy of status epileptics.
10. Define bipolar disorder and outline their treatment algorithm.
11. Write note on Neuralgia.

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

12. H-Pylori Kit.
13. GERD
14. Hypersomnia.
15. Oral anticoagulants
16. Narcolepsy
17. Heparins.

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