

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

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

**PHARMACOTHERAPEUTICS III**

Time: Three hours

Maximum: 70 marks

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

1. Etiology of various types of anemia and treatment of megaloblastic anemia.
2. Discuss pain pathways and pharmacological management of acute and chronic pain.
3. Discuss about pathophysiology, various types, objective of the treatment and pharmacotherapy of epilepsy.

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

4. Evidence based medicine.
5. Gastro Esophageal Reflux disease
6. Pharmacotherapy of schizophrenia.
7. Classes of antipsychotic drugs.
8. Inflammatory bowel disease.
9. Pharmacotherapy of peptic ulcer.
10. What is migraine? Add notes on management of Migraine.
11. Explain Narcolepsy. Pharmacotherapy for narcolepsy.

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

12. Treatment of anaphylaxis.
13. Management of stroke.
14. Venous thromboembolism.
15. Generalized anxiety disorder
16. Cluster headache
17. Insomnia.

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