

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

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

PHARMACOTHERAPEUTICS- I

Time: Three hours

Maximum: 70 marks

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

1. Describe Hormone replacement therapy.
2. Explain in detail about etiology, pathophysiology, clinical manifestations and management of chronic open angle glaucoma.
3. a) Describe the etiology, pathogenesis, signs and symptoms of bacterial conjunctivitis.
b) Differentiate between right heart failure and left heart failure.

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

4. What are the risks and benefit of hormone therapy?
5. Explain signs and symptoms and pharmacotherapy of angina.
6. Draw a neat labelled diagram of normal ECG. Enlist various intervals and what they represent .
7. Write the pharmacological and non- pharmacological management of dyslipidaemia.
8. Explain glucose tolerance test.
9. Differentiate lung volume tests and lung capacities with a neat illustration.
10. Discuss the various factors to be considered with prescribing the drugs in geriatrics.
11. Discuss in detail management of osteoporosis.

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

12. Mention any four ADRs of statins.
13. Define hyperosmolar hyperglycaemic state.
14. Mention counseling points for patient on anti- thyroid drugs.
15. Explain DASH therapy.
16. What is pack years? Give equation to calculate the same.
17. What is blue bloaters and pink puffers?
