

Sl.No. M22098

Course Code: 3200301

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

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

PHARMACOLOGY II

Time: Three hours

Maximum: 70 marks

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

1. Classify the antiplatelet drug. Write the mechanism of action, adverse drug reaction and therapeutic uses of clopidogrel.
2. Classify the immunosuppressant. Write the mechanism of action, adverse drug reaction and therapeutic uses of mycophenolate mofetil.
3. Define protein. Explain the mechanism and various steps involved in protein synthesis.

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

4. Acute toxicity studies.
5. Explain the importance of preclinical toxicity studies.
6. Give the category, mechanism of action and side effects of tacrolimus.
7. Tetracycline
8. Amphotericin
9. Receptors and therapeutic uses of vasopressin.
10. Clopidogrel
11. State MOA and advantages of low molecular Heparin.

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

12. Sub acute toxicity.
13. Histone deacetylases
14. Mutation
15. Explain the factors contributing mutations.
16. Potassium sparing diuretics.
17. Define Antidiuretic.
