

Sl.No: M21160

Course Code: MPL201T

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY), SALEM**

**M.PHARM. DEGREE EXAMINATION – September 2021
Second Semester**

BRANCH: PHARMACOLOGY

ADVANCED PHARMACOLOGY - II

Time : Three hours

Maximum: 75 marks

**(Draw neat labeled diagrams wherever necessary
your answer should be specific to the questions asked)**

SECTION –A

I. Answer any **THREE** questions: **(3 x 15 = 45)**

1. Classify Oral Contraceptive preparations with suitable examples. Discuss its mechanism of actions in detail manner.
2. Classify antifungal drugs and mention its uses. Describe the mechanism of action and Adverse drug reactions of Amphotericin B.
3. Classify Immunosuppressants and highlight its clinical uses. Discuss the mechanism and toxic reactions of Calcineurin Inhibitors.
4. Classify antiulcer agents. Write elaborately on the mechanism of action, drug interaction and ADR of Proton Pump Inhibitors.

SECTION –B

II. Answer any **THREE** questions: **(3 x 10 = 30)**

5. Explain the role of free radicals in etiopathology of chronic disorders with suitable example. Add a note on Protective activity of antioxidant.
6. Discuss the Physiological Role of Calcium. Write briefly on the Pharmacological actions and uses of Vitamin D.
7. Classify Antiemetics and mention its uses. Discuss the pharmacological actions, Mechanism and ADR of Metoclopramide.
8. Discuss the recent advancement in the treatment of Alzheimer's disease.
