

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

B.PHARM. DEGREE EXAMINATION – February 2020
Fourth Year

PHARMACOLOGY - II

Time : Three hours

Maximum: 70 marks

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

1. Classify the drugs used in the treatment of peptic ulcer; explain the mechanism of action, therapeutic uses and adverse effect of proton inhibitors
2. Classify anticancer drugs and explain briefly the mechanism of action and the adverse effects of anti- metabolites.
3. Classify Anti- malarial, write the mechanism of action, therapeutic uses and adverse effects of chloroquine.

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

4. Write briefly about erythromycin.
5. What is the mechanism of action and uses of oral anti- coagulants?
6. Write notes on 5HT₃ antagonist.
7. Pharmacological action and therapeutic uses of glucocorticoids.
8. Drugs used to treat glaucoma and their mechanism of action.
9. Discuss the mechanism of nucleoside reverse transcriptase inhibitors.
10. Write briefly on bisphosphonates.
11. What are plasma volume expanders? Give example. Write notes on dextrin.

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

12. Define the term carcinogenicity and mutagenicity.
13. Drugs for erectile dysfunction.
14. Define the term tocolytics and give examples.
15. Define the term chronopharmacology.
16. Anti- herpes drugs.
17. Adverse effect of chloroquine.
