

**Time: Three Hours****Max. Marks: 100 Marks****PHARMACOLOGY - PAPER -II (RS3)****QP Code: 1086**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAYS**2 x 10 = 20 Marks**

1. Classify antimalarial drugs. Explain the mechanism of action, uses and adverse effects of chloroquine. Add a note on artemisinin compounds.
2. Classify drugs used in the treatment of hyperthyroidism. Explain the mechanism of action and adverse effects of propylthiouracil. Add a note on drug treatment of thyrotoxic crisis.

SHORT ESSAYS**10 x 5 = 50 Marks**

3. Doxycycline
4. Biguanides
5. H₂ blockers
6. Bisphosphonates
7. Nucleoside reverse transcriptase inhibitors
8. Sumatriptan
9. Inhalational steroids
10. Allopurinol
11. Cyclosporine
12. Albendazole

SHORT ANSWERS**10 x 3 = 30 Marks**

13. Uses and adverse effects of methotrexate
14. Name two aminoglycosides. Mention four shared features of them
15. Name two fluoroquinolones. Explain their mechanism of action
16. Advantages of antimicrobial drug combinations with examples
17. Name two semisynthetic penicillins. Mention their advantages over natural penicillin G.
18. Explain the interaction between metoclopramide and levodopa
19. Lactulose
20. Name two H₁ receptor antagonists. Mention two uses and two adverse effects of them
21. Uses and adverse effects of vitamin D
22. Uses and adverse effects of oxytocin

