

**PAPER CODE: MB2019112****KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES****WARANGAL, TELANGANA STATE - 506002****MBBS SECOND YEAR DEGREE EXAMINATIONS: APRIL/MAY, 2022****PHARMACOLOGY (NEW REGULATION) PAPER-II****Time: 3 Hours****Max Marks: 100****Note: Answer all questions.****Give Diagrammatic representation wherever necessary.**

Write an essay on the following:**2 X15 = 30**

1. Classify Diuretics. Describe the mechanism of action, therapeutic uses and adverse effects of Thiazide Diuretics. (6+3+3+3)
2. Classify Penicillins. Describe the mechanism of action, therapeutic uses and adverse effects of Amoxicillin. (6+3+3+3)

Write a Short note on the following:**8X5=40**

3. Describe the mechanism of action, therapeutic uses and adverse effects of Warfarin.
4. Describe the mechanism of action, therapeutic uses and adverse effects of Methotrexate.
5. Describe the mechanism of action and adverse effects of Oral Contraceptive Pills.
6. Describe the clinical uses of calcium channel blockers. Mention one preferred agent for each use.
7. Describe the mechanism of action, therapeutic uses and adverse effects of Acyclovir.
8. Describe the drugs used in the treatment of Neurocysticercosis with its rationale.
9. Organic Nitrates in therapeutics.





10. A 58 years old obese lady with type 2 diabetes mellitus presents with Ketoacidosis. She has recently had an upper respiratory infection. Describe the drugs used for the management of her condition.

Write briefly on the following:

10X3=30

11. Mention three Tocolytics and their three therapeutic uses.
12. Mention three adverse effects of Insulin.
13. Enumerate two parenteral Iron preparation and their one therapeutic use.
14. Enlist two statins with their mechanism of action.
15. Enumerate three therapeutic uses of Metronidazole.
16. Enlist two contraindications for the use of Tetracyclines with reasons.
17. What is Lepra Reaction? Mention two drugs used to treat this condition.
18. Mention two Protease inhibitors and their one therapeutic use.
19. Mention one specific toxicity seen with Cyclophosphamide and how you can prevent it.
20. Enumerate three vaccines administered by Intramuscular Route.

