

PAPER CODE:BD152

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002
B.D.S SECOND YEAR DEGREE EXAMINATIONS: OCTOBER 2025
GENERAL & DENTAL PHARMACOLOGY AND THERAPEUTICS

Time: 3 Hours

Max Marks: 70

Note: Answer all questions

Give Diagrammatic representation wherever necessary with Black Ball point pen/ HB Pencil / any dark colour Pencil.

Write an essay on the following:

2 X 9= 18

1. Classify Anti-Epileptic drugs? Describe the mechanism of action, adverse drug reactions and therapeutic uses of Sodium Valproate (3+2+2+2)
2. Classify Penicillins. Describe the mechanism of action, spectrum of activity, effects and therapeutic uses of Ampicillin. (3+1+1+2+2)

Write short note on the following:

8 X 4 =32

3. Drug Antagonism.
4. Therapeutic uses of Atropine and its Substitutes.
5. Obtundants.
6. Lignocaine.
7. Digoxin.
8. Therapeutic uses of and adverse effects of Metronidazole.
9. Anti-Thyroid Drugs.
10. Proton pump inhibitors.

Write briefly on the following:

10 X 2 =20

11. Define Prodrugs and give two examples.
12. Name four uses of Adrenaline.
13. Name two selective Cox-2 inhibitors and their advantages.
14. Name one central and one Peripheral Skeletal muscle relaxants and their uses.
15. Name two oral and two parenteral iron preparations.
16. Write four common characteristics of aminoglycoside.
17. Write four drugs used in Tuberculosis.
18. Write two antiemetics and their specific uses.
19. Name four anti-retroviral drugs of different classes.
20. Name two uses and adverse effects of Corticosteroids.
