

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002
BDS SECOND YEAR DEGREE SUPPLEMENTARY EXAMINATIONS:
FEBRUARY, 2026

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 drugs used in Peptic Ulcer. Write the Mechanism of action, adverse effects and therapeutic uses of Omeprazole. (4+2+1+2)
2. Classify Antihypertensive Drugs. Write the Mechanism of action, adverse effects and therapeutic uses of Captopril. (4+2+1+2)

Write a short note on the following:

8 X 4 = 32

3. Factors modifying drug action.
4. Ketamine.
5. Diclofenac sodium.
6. Non-sedative anti-histaminic drugs.
7. Low molecular weight Heparin.
8. Treatment of hypoglycaemia in conscious and unconscious patient.
9. Rationale of combining Estrogen with progesterone as an oral Contraceptive.
10. Antibiotic prophylaxis in Dentistry.

Write briefly on the following:

10 X 2 = 20

11. Name two anti-platelet drugs and their clinical applications.
12. Mention two drugs used in functional constipation.
13. Name two osmotic diuretics and their clinical uses.
14. Mention two drugs used in leprosy.
15. Name two drug delivery devices (Inhalational route) used in the treatment of moderate to severe Bronchial Asthma.
16. Mention two anti-caries agents. Explain their rationale.
17. Define Prodrug. Add a note on its advantage with one example.
18. Name two sulfonylureas used in the treatment of type-2 diabetes and their adverse effects.
19. Name two topical antifungal agents.
20. Mention two haemostatic agents.
