

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

TELANGANA, WARANGAL – 506 002

**B.Sc. (Allied Health Sciences), SECOND YEAR DEGREE SUPPLEMENTARY EXAMINATIONS:
OCTOBER, 2025**

OPERATION THEATRE TECHNOLOGY

PAPER III

APPLIED PHARMACOLOGY

Time: 3 Hours

Max Marks: 80

Note: Draw diagrams whenever necessary with Black Ball point pen /HB pencil /any dark
Color pencil.

Write essay on any TWO of the following questions:

2 X 10 = 20

1. Classify Antihypertensives along with examples and write a note on mode of action, uses, side effects of betablockers.
2. Define Shock, mention types of shock and enumerate drugs used in management of shock.
3. Classify Local anaesthetics. Explain in detail about Bupivacaine.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Opioid analgesics.
5. Coronary vasodilators.
6. Pharmacotherapy of Bronchial asthma.
7. Chemoprophylaxis.
8. Sodium valproate.
9. Propofol.

Write briefly on the following:

10 X 3 = 30

10. Any three crystalloid solutions.
11. Anti atherosclerotic drugs.
12. Cephalosporins.
13. Any five emergency drugs.
14. Mucolytic agents.
15. Primary solution in pharmacology.
16. Ondansetron.
17. Sevoflurane.
18. Cardiac glycosides.
19. Any three drugs act on ANS (Autonomic nervous system).
