

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

WARANGAL, TELANGANA STATE – 506 002

MBBS SECOND YEAR DEGREE SUPPLEMENTARY EXAMINATIONS:

JANUARY, 2026

PHARMACOLOGY

PAPER –I

Time: 3 Hours

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Multiple Choice Questions:

10 X 1 = 10

1. Treatment of choice for Anaphylaxis is
 - a) Adrenalin 0.5ml 1:1000 solution by im
 - b) Adrenalin 0.5ml 1:1000 solution by iv
 - c) Adrenalin 0.5ml 1:10000 solution by im
 - d) Adrenalin 0.5ml 1:100 solution by iv
2. Allopurinol potentiates the action of
 - a) Corticosteroids
 - b) Probenecid
 - c) 6- mercaptopurine
 - d) Ampicillin
3. Dibucaine number is associated with
 - a) Lignocaine
 - b) d- tubocurarine
 - c) Dibucaine
 - d) Succinylcholine
4. Livedo reticularis is the characteristic adverse effect of which of the following drugs?
 - a) Levo-dopa
 - b) Selegiline
 - c) Amantadine
 - d) Pramipexole
5. Drugs acting via tyrosine kinase receptors are
 - a) TRH
 - b) TSH
 - c) Insulin
 - d) MSH
6. Therapeutic Index is
 - a) ED50/LD50
 - b) ED50-LD50
 - c) LD50/ED50
 - d) ED50XLD50
7. The dose of Pralidoxime and Atropine in treatment of OP poisoning are
 - a) Pralidoxime 2gm and Atropine 2 mg
 - b) Pralidoxime 2mg and Atropine 0.2 mg
 - c) Pralidoxime 2gm and Atropine 1.2 mg
 - d) Pralidoxime 2gm and Atropine 0.2 mg
8. True statement regarding depolarising neuromuscular blocking drug is
 - a) The depolarised muscle fibres are unresponsive to other stimuli
 - b) Causes muscle Fasciculations
 - c) Not reversed by neostigmine
 - d) All of the above

9. Superinfections in patients on steroids is what type of ADR?
- | | |
|-----------------|----------------------|
| a) Side effect | b) Secondary effect |
| c) Idiosyncrasy | d) Otolotoxic effect |
10. After taking some drug for acute migraine, the patient developed nausea and vomiting, he also developed tingling and numbness in the tip of the finger which eventually turned blue. Which drug has caused it?
- | | |
|----------------------|----------------|
| a) Dihydroergotamine | b) Sumatriptan |
| c) Aspirin | d) Butorphanol |

Essay/ Long Answer Questions:

2 X 15 = 30

11. Classify Adrenergic drugs. Explain the pharmacological actions of Adrenaline. Mention the therapeutic uses and adverse effects of Adrenaline. (5+5+3+2)
12. Classify NSAIDs. Write the mechanism of action, pharmacological uses and adverse effects of Paracetamol. Add a note on the treatment of paracetamol poisoning. (5+5+5)

Short Answer Questions:

7 X 6 = 42

13. Therapeutic uses and adverse effects of morphine.
14. Non-sedating Antihistaminics.
15. Write a note on how to convince a patient to start insulin as a treatment for his uncontrolled type II Diabetes mellitus.
16. Centrally acting skeletal muscle relaxants.
17. Halothane.
18. Treatment of H. Pylori infection.
19. Inhaled corticosteroids.

Very Short Answer Questions:

6 X 3 = 18

20. Teratogenicity.
21. D- penicillamine.
22. Zero order kinetics.
23. Adverse effects of Levodopa.
24. Name three newer anti-epileptic drugs with their mechanism of action.
25. Name three prostaglandin analogues with their indications.
