

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES, WARANGAL,
TELANGANA-506 002**

**MBBS SECOND YEAR DEGREE EXAMINATIONS: JUNE, 2025 - PHARMACOLOGY
Paper -II**

Time: 3 Hours

Max Marks: 100

Note: Answer all questions. Give Diagrammatic representation wherever necessary.

Multiple Choice Questions: (10 X 1 = 10)

1. **Concurrent use of the following drug is likely to cause failure of oral contraception:**

- a) Isoniazid
- b) Rifampicin
- c) Cimetidine
- d) Propranolol

2. **Which of the following is an anti-thyroid drug?**

- a) Propylthiouracil
- b) Thyroxine
- c) Hydrochlorothiazide
- d) Telithromycin

3. **The hypolipidemic drug acts by inhibiting HMG-CoA reductase is:**

- a) Fenofibrate
- b) Ezetimibe
- c) Atorvastatin
- d) Nicotinic acid

4. All are adverse effects of glucocorticoids except

- a) Fragile skin
- b) Hypotension
- c) Osteoporosis
- d) Diabetes mellitus

5. Mesna is administered with cyclophosphamide and lphosphamide to:

- a) Potentiate their cytotoxic action
- b) Retard their renal excretion
- c) Block their emetic action
- d) Ameliorate cystitis caused by them

6. Cinchonism is caused by

- a) Quinine
- b) Artemether
- c) Mefloquine
- d) Chloroquine

7. Fourth generation Cephalosporin is:

- a) Cefaclor
- b) Cefuroxime
- c) Cefperazone
- d) Cefepime

8. Which of the following has a long post antibiotic effect

- a) Doxorubicin
- b) Aminoglycosides
- c) Sulfonamides
- d) All of the above

9. Which of the following antimalarial agents are safe in pregnancy

- a) Chloroquine
- b) Quinine
- c) Artesunate
- d) All of the above

10. All are antiplatelet drugs except a) Aspirin

- b) dipyridamole
- c) clopidogrel
- d) Warfarin

Essay/ Long Answer Questions: (2 x 15 = 30)

- 11. Classify Macrolides. Write the mechanism of action, therapeutic uses and adverse effects of Azithromycin. (6+3+3+3)
- 12. Classify the drugs used in Angina. Write the mechanism of action, therapeutic uses and adverse effects of Nitro-glycerine. (6+3+3+3)

Short Answer Questions: (7 x 6 = 42)

- 13. Enlist the drugs used in Hypertensive emergencies with their mechanism of action.
- 14. Name five Immunosuppressants. Write their therapeutic uses.
- 15. Selective Estrogen Receptor Modulators
- 16. Write various therapeutic uses and adverse effects of Potassium Sparing Diuretics.
- 17. Angiotensin Converting Enzyme Inhibitors.
- 18. Albendazole.
- 19. Mention Therapeutic uses and adverse effects of Metronidazole.

Very Short Answer Questions: (6 X 3 = 18)

20. Therapeutic uses of Tetracycline.
21. What are the adverse effects of Corticosteroids
22. Enlist Dihydrofolate-Reductase Inhibitors.
23. Erythropoietin.
24. What are the uses of Vitamin C.
25. Enlist three vaccines administered by Intra Muscular Route.

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