

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002
MBBS SECOND YEAR DEGREE EXAMINATIONS: JANUARY, 2025**

PHARMACOLOGY

PAPER – II

Time: 3 Hours Max Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Multiple Choice Questions: 10 × 1 = 10

- 1) Which of the following is an anti-thyroid drug?
 - a) Propylthiouracil
 - b) Thyroxine
 - c) Hydrochlorothiazide
 - d) Tetracyclomycin
- 2) Perindopril dry cough may occur as a side effect of the following antihypertensive drug:
 - a) Enalapril
 - b) Atenolol
 - c) Diltiazem
 - d) Methyldopa
- 3) Mesna is given with cyclophosphamide to
 - a) Increase absorption
 - b) Decrease excretion
 - c) Decrease metabolism
 - d) Ameliorate haemorrhagic cystitis
- 4) Grey baby syndrome is caused by:
 - a) Cephalosporins
 - b) Chloramphenicol
 - c) Tetracyclines
 - d) Vancomycin
- 5) Wolff–Chaikoff effect is
 - a) Reduced thyroxine synthesis by radiotherapy
 - b) Reduced thyroxine synthesis by iodides
 - c) Propylthiouracil
 - d) None of the above
- 6) Oral contraceptive failure may be seen with
 - a) Rifampicin
 - b) Cimetidine
 - c) Propranolol
 - d) Ethambutol
- 7) Trimethoprim inhibits bacteria without affecting mammalian cells because:

- a) It does not penetrate mammalian cells
 - b) Its high affinity for bacterial dihydrofolate reductase enzyme
 - c) It inhibits bacterial folate synthase as well as dihydrofolate reductase enzymes
 - d) All of the above
- 8) Absolute contraindication of glucocorticoids is
- a) Addison's disease
 - b) Cushing's syndrome
 - c) Graves disease
 - d) Acromegaly
- 9) Among fluoroquinolones which one of the following is not suitable for the treatment of urinary tract infection?
- a) Ciprofloxacin
 - b) Norfloxacin
 - c) Ofloxacin
 - d) None of the above
- 10) Trimethoprim-sulfamethoxazole combination is used in the treatment of
- a) Malaria
 - b) Pneumocystis pneumonia
 - c) Tuberculosis
 - d) Toxoplasmosis

Essay / Long Answer Questions: $2 \times 15 = 30$

11. Enumerate the drugs used in the treatment of Malaria. Describe the mechanism of action, therapeutic uses and adverse effects of Chloroquine.
12. Classify the drugs used in the treatment of Congestive Cardiac Failure. Describe the mechanism of action and adverse effects of Enalapril. Add a note on Cardiac Toxicity of Digitalis and its treatment.

Short Answer Questions: $7 \times 6 = 42$

13. HMG CO-A reductase inhibitors.
14. Indications and contraindications of Glucocorticoids.
15. Antiplatelet agents.
16. Diethylcarbamazime.
17. Amphotericin B.
18. Taxanes.
19. Insulin analogues.

Very Short Answer Questions: 6 × 3 = 18

20. List three immunostimulants with their mechanism of action.
21. Adverse effects of Estrogen.
22. Spironolactone.
23. Enlist three drugs used in Scabies.
24. Radioactive Iodine.
25. Male contraceptive.

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