

**PAPER CODE: MB2019112****KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES****WARANGAL, TELANGANA– 506 002****MBBS SECOND YEAR DEGREE SUPPLEMENTARY 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 Iphosphamide 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 for
  - a) Chloroquine
  - b) Quinine
  - c) Artesunate
  - d) All of the above
- 10 All are antiplatelet drugs except
  - a) Aspirin
  - b) Warfarin
  - c) clopidogrel
  - d) dipyridamole

**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 Immunosuppressant's. 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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