

9 The drug acts by affecting the tubular fluid composition in a non-receptor mediated fashion:

- a) Furosemide
- b) Acetazolamide
- c) Triamterene
- d) Mannitol

10. All of the following drugs are antibiotics, EXCEPT:

- a) Streptomycin
- b) Penicillin
- c) Co-trimoxazole
- d) Chloramphenicol

II. Write Short Answers on any FIVE of the following:

(5 x 5 = 25)

- 11. Factors affecting drug action
- 12. Methyldopa
- 13. Define anticoagulants . Discuss about LMWH
- 14. Propofol
- 15. Define and classify antitussive, explain codeine as a antitussive
- 16. Aminoglycosides
- 17. Hypocalcemia

III. Write Short Essays on any TWO of the following:

(2 x 10 = 20)

- 18. Routes of drug administration
- 19. Classify sympathomimetics . Discuss the mechanism of action pharmacological action , therapeutic uses and adverse effects of epinephrine
- 20. Define adrenergic antagonist . Classify adrenergic antagonist and explain the action uses and adverse effects of propranolol
- 21. Classify opioids . Write in detail about the mechanism of action , pharmacological action , uses and adverse effects of morphine

IV. Write Essays on any ONE of the following:

(1 x 20 = 20)

- 22. Define hypertension , classify antihypertensive drugs , explain in detail about the mechanism of action pharmacological actions pharmacokinetic uses and adverse effects of captopril
- 23. Classify cephalosporins . Write in detail about the mechanism of action , pharmacological action , uses and adverse effects of cephalexin

(S.No.M21795)

