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

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

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

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|-------------------|--------------------|
| 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)

