

Question Bank of MC III

1. Define antibiotics. Enlist examples of Tetracyclines
2. Describe any two examples of prodrug with its structure
3. Draw the structure of following drugs 1)Pamaquine 2) Chloroquine
4. Discuss about metabolism of B lactum antibiotics
5. Enlist uses of Erythromycin
6. Compare the SAR of Antibiotics with its structure & give the mechanism of action of aminoglycosides.
7. Sketch & explain Etiology of Malaria. Write a note on SAR of Quinine.
8. Interpret in detail mechanism of action of 4 substituted Quinolines
9. Explain in detail applications of prodrugs
10. Explain the synthetic pathway of Chloramphenicol with its medicinal uses
11. Define anthelmintics. Enlist examples of anthelmintics.
12. Define terms Pharmacophore modeling and docking.
13. Draw the structure of following drugs 1) Acyclovir 2) Nitrofurantoin
14. Discuss uses of drug Metronidazole.
15. Enlist various physicochemical parameters used in QSAR.
16. Compare the SAR of quinolones with its basic structure & give the mechanism of action of same. Give uses of Quinolones.
17. Illustrate concept and applications of combinatorial chemistry add a note on solid phase synthesis . Explain any two physicochemical parameters used in QSAR.
18. Interpret in detail mechanism of action of Sulphonamides. Add a note on synthetic pathway of Dapsone.
19. Explain in detail Antifungal antibiotics.
20. Classify antiviral agents. Explain mechanism of action of Acyclovir.