**QUESTION BANK OF MEDICINAL CHEMISTRY-III**

**1. Discuss nomenclature and stereochemistry of steroid.**

**2. Discuss Mode of action of and uses of steroid**

**3. Give chemical synthesis and uses of progesterone**

**4. Discuss about mineralocorticoid and glucocorticoids**

**5. Discuss mode of action of and SAR of tetracycline**

**6. Give synthesis of dapsone and ethambutol**

**7. What are penicillin classify them and discuss their mechanism of action and SAR**

**8. What are anthelmintics? Discuss the synthesis of mebendazole**

**9. Discuss synthesis, SAR and uses of chloroquine.**

**10. What are antimalerial drug? Classify them with example and discuss SAR of 4-aminoquinolines**

**11. Write a note on prostaglandin**

**12. Give the synthesis of testosterone and synthesis of estrogen**

**13. Classify antiviral agent with example**

**14. Discuss MOA of NRTI and NNRTI**

**15. Write the synthesis and MOA of zidovudine and acyclovir**

**16. Classify anticancer drug with example**

**18. Classify the cephalosporin with example**

**19. Give synthesis and MOA of 5-FU and methotrexate**

**20. Give the SAR of penicillin and synthesis of ampicillin**