

**Total No. of Pages : 01**

**M. Pharmacy (Sem.-2)**  
**MEDICINAL CHEMISTRY-II**  
**Subject Code : PHCHM-136**  
**M.Code : 72354**

**Max. Marks : 80**

1. Attempt any FIVE questions out of SIX questions.
2. Each question carry SIXTEEN marks.

1. Write short notes on :
  - a. Antiviral agents (8)
  - b. DNA intercalating drugs (8)
2. Give the biosynthesis of eicosanoid . Discuss Structure activity relationship of eicosanoid in detail. (16)
3. Discuss the biological basis of diabetes. Classify and differentiate between different types of diabetes. Give a comprehensive account on anti diabetic drugs. (16)
4. Discuss the following :
  - a. Biochemical basis of anxiety (5)
  - b. Biosynthesis of steroids (5)
  - c. Type of diabetes (6)
5. Classify cardiovascular agents. Give a detailed account on antihyperlipidemic agents. (16)
6. Name the parasite responsible for malaria. Give a diagram showing various stages of its life cycle. Discuss the various anti malarial drugs in detail. (16)

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