

**PY-703**

**B. Pharm. (Seventh Semester)**

**EXAMINATION, June, 2009**

**PHARMACEUTICAL CHEMISTRY – VIII**

**(Medicinal Chemistry – III)**

**(PY-703)**

*Time : Three Hours*

*Maximum Marks : 70*

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**Note :** Attempt any *five* questions. All questions carry equal marks.

1. (a) Discuss the stereochemistry of steroids.  
(b) Write a note on synthetic oestrogens.
2. Classify diuretics. Discuss the mode of action of various drugs under each category.
3. What is antibiotics ? Discuss the mode of action of various type of antibiotics with example.
4. Describe the life cycle and drug acting on various stages of malarial life cycle.
5. What are peptide hormones ? Write exhaustive note on **Insulin**.
6. (a) Detail the biosynthesis of thyroid hormones.  
(b) Discuss the mode of action of thyroid hormones.

motility.

(b) Write a note on oxytocin.

8. Write notes on any *two* of the following :

- (a) Antiangina drugs
- (b) Potassium Sparing Agents
- (c) Androgen and Anabolic Agents

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