

**PY - 705**  
**B.Pharmacy VII Semester**  
Examination, December 2013  
**Pharmacology - IV**  
(Clinical and Drug Interactions)  
**RGPVONLINE.COM**  
*Time : Three Hours*

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*Note : Attempt any 5 questions.*

1. Define antibiotics. Discuss the classification of antibiotics and the factors that determine the bacterial resistance to antimicrobial agents. 14
  2. Discuss the source, mechanism of action, antibacterial spectrum, therapeutic uses and adverse effects of chloramphenicol. 14
  3. Discuss the mechanism of action, antibacterial spectrum and adverse reactions of Quinolones. 14
  4. Discuss the life cycle of malaria. Also discuss the pharmacological action, therapeutic uses and toxicity of chloroquine. 14
  5. Discuss in detail the chemotherapy of cancer with special reference to antineoplastic agents and antimetabolites. 14
  6. Define poison. Discuss the general principles of treatment of poisoning. Describe the various symptoms and treatment of organophosphorus poisoning. 14
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7. Write short notes on (any two) 14
    - a) Drug interactions
    - b) Drug use during pregnancy
    - c) Reverse transcriptase inhibitors