

**Subject Code: B4202/R10**

**IV B.Pharmacy II Semester Advanced Supple. Examinations July - 2016**

**PHARMACOLOGY-II**

**Time: 3 hours**

**Max. Marks: 75**

**Answer any FIVE Questions  
All Questions carry equal marks**

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1. (a) What is congestive heart failure? Write a detailed note on inotropic agents.  
(b) Write the mechanism of action, adverse effects and therapeutic uses of Organic Nitrates. [8+7]
2. (a) Describe the process of clotting. Write the pharmacology of warfarin.  
(b) Write a note on osmotic diuretics. [9+6]
3. Write a note on  
(a) Posterior Pituitary Hormones  
(b) Anabolic Steroids  
(c) Alpha glucosidase inhibitors [7+4+4]
4. Write a note on following  
(a) Angiotensin  
(b) Pentagastrin  
(c) Cholecystokinin [5+5+5]
5. (a) Write the mechanism of action, pharmacological actions, therapeutic uses and adverse effects of  $\beta_2$ -agonists.  
(b) Write note on Antitussives. [10+5]
6. Explain the bioassay of following  
(a) Chorionic gonadotropin  
(b) Digitalis [7+8]
7. Write the mechanism of action, adverse effects and therapeutic uses of following drugs  
(a) Quinolones  
(b) Betalactams  
(c) Chloramphenicol [5+5+5]
8. (a) Classify antifungal antibiotics. Add a note on polyene antibiotics.  
(b) Discuss the pharmacology of Immunosuppressants. [8+7]

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