

**Q.P. Code: 213014 (New Scheme)****Reg. No.:.....**

Second Year BPT Degree Supplementary Examinations March 2017

**PHARMACOLOGY  
(2012 Scheme)****Time: 1½ hrs****Max marks: 50**

- Answer all questions
- Draw diagrams wherever necessary
- Write only in 32 page answer book

**Essays****(14)**

1. Explain pharmacological actions of aspirin and list its uses and adverse effects. List two selective COX-2 inhibitors and explain differences between aspirin and selective COX-2 inhibitors.

**Short notes****(2x8=16)**

2. Mention four groups of drugs with two examples for each used in hypertension. Explain the mechanism of action of any one of the groups.
3. Mention two advantages and disadvantages of following routes of drug administration: oral, intramuscular, intravenous, inhalational

**Answer briefly****(5x4=20)**

4. List uses and adverse effects of adrenaline.
5. Explain mechanism of action of benzodiazepines and list their uses.
6. Mention two drugs used in chronic gout and explain the mechanism of action of any one of them.
7. List four insulin preparations and explain adverse effects of insulin.
8. Explain mechanism of action of heparin and list its uses.

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