

**Second Year BPT Degree Regular/Supplementary Examinations  
September 2019**

**Pharmacology**

**(2016 Scheme)**

**Time: 3 hrs**

**Max marks: 80**

- **Answer all questions**
- **Draw diagrams wherever necessary**

**Essays**

**(2x15=30)**

1. Classify analgesics. Describe the pharmacological actions, mechanism of actions and uses of Cox 2 inhibitors
2. Classify routes of drug administration with examples. Discuss in detail transdermal patches with examples and therapeutic uses of the same

**Short Essays**

**(2x10=20)**

3. Classify beta blockers. Describe the uses and adverse effects
4. Describe the uses and adverse effects of glucocorticoids. Explain HPA suppression and measures to prevent it

**Short Answers**

**(10x3=30)**

5. Drug induced Parkinsonism
6. Centrally acting SKMR
7. Sodium valproate
8. Amoxicillin
9. Adverse effects of insulin
10. Opioids
11. Drugs acting centrally.
12. Tramadol
13. Mivacurium
14. Amlodipine

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