

Final Year B.Pharm Degree Supplementary Examinations January 2017

**PHARMACOLOGY - II  
(2010 Scheme)**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Draw diagrams wherever necessary.

**Essay**

**(3x10=30)**

1. Classify anti parkinsonism drugs. Explain the pharmacological actions and adverse effects of bromocriptine.
2. What is methotrexate. Explain its mechanism of action, therapeutic uses and adverse effects.
3. Explain the pharmacological actions, mechanism of action and therapeutic uses of metoclopramide

**Short notes**

**(14x5=70)**

4. Define bioassay. How heparin has been assayed.
5. Explain bioinformatics and its application.
6. Explain the treatment of morphine poisoning.
7. What is neuro-humoral transmission. Explain the transmission with any one centrally acting neurotransmitter.
8. Epilepsy therapeutics.
9. Explain the mechanism of action of local anesthetics.
10. Classify antacids with examples and mention its adverse reactions.
11. Mechanism of action and therapeutic uses of fluoxetine.
12. Protease inhibitors.
13. Name the drugs acting in the skin and state its indications.
14. How ethically stem cell research has been regulated.
15. Gene therapy.
16. What are free radicals and how it has been released in the biological system. Mention its role in pathology.
17. What are natural antioxidants. Explain its role in disease control.

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