

**Final Year B.Pharm Degree Examinations May 2019  
Pharmacology - II**

**(2012 scheme)**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Draw diagrams wherever necessary.

**Essays**

**(3x10=30)**

1. Classify anti parkinson's drugs with suitable example. Describe the pharmacological action, adverse effects of dopamine agonist used in Parkinson's disease
2. Explain the mechanism of action and side effects of
  - ranitidine      • lansoprazole      • misoprostol      • antacids
3. Classify anticancer agents with examples. Describe the mechanism of action, adverse effects and uses of alkylating agents.

**Short notes**

**(14x5=70)**

4. What is the principle behind radioimmunoassay.
5. Define placebo and explain its importance in clinical trial.
6. Explain the pharmacological action of aldosterone antagonists
7. What are plasma expanders. Mention the properties of a plasma expander and list their uses
8. Explain the therapeutic approaches in the treatment of anemia
9. How will you treat arsenic poisoning
10. Classify antiepileptics with examples.
11. Explain the mechanism of action, adverse effects and uses of chlorpromazine
12. Pharmacotherapy of tuberculosis
13. Applications of gene therapy
14. Name 5 protein drugs and their therapeutic applications
15. What are endogenous antioxidants. Explain their mode of action on free radical scavenging
16. What are protease inhibitors. Mention its mechanism of action and adverse reactions.
17. Explain the clinical manifestations and treatment of methanol poisoning.

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