

Final Year B.Pharm Degree Supplementary Examinations May 2019**Pharmacology - II
(2010 Scheme)****Time: 3 Hours****Total Marks: 100**

- Answer all Questions.
- Draw diagrams wherever necessary.

Essays**(3x10=30)**

1. Classify anti-psychotic drugs with suitable examples. Explain the pharmacology of phenothiazines.
2. Classify penicillins with suitable examples. Explain the pharmacology of penicillin G
3. Explain the various approaches in gene therapy and its applications

Short notes**(14x5=70)**

4. Local anesthetics
5. Oxytocin
6. Phenytoin
7. Agents used for heavy metal poisoning
8. Pharmacotherapy of gout
9. Mechanism of action and adverse effects of aminoglycoside antibiotics
10. Write the mechanism of action, adverse effects and therapeutic uses of alkylating agents
11. Applications of bioinformatics in drug development
12. Non-steroidal anti-inflammatory agents
13. Macrolide antibiotics
14. Pharmacology of vitamin C
15. BCG vaccine
16. Stem cell therapy
17. Management of iron deficiency anemia
