

**QP CODE:415006**

**Reg.No: .....**

**Final Year B.Pharm Degree Supplementary Examinations January 2017**  
**PHARMACOLOGY - II**  
**(2012 scheme)**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Draw diagrams wherever necessary.

**Essay**

**(3x10=30)**

1. What are the various approaches to drug discovery. Enumerate the application of bioinformatics in drug development.
2. What are psychopharmacological agents. Explain in detail about antipsychotics.
3. Explain the mechanism of action, spectrum of activity, adverse effects, drug interactions, contraindications and clinical uses of penicillins

**Short notes**

**(14x5=70)**

4. Principles of bioassay.
5. Preclinical studies.
6. Management of barbiturate poisoning.
7. Narcotic antagonists.
8. Pharmacotherapy of parkinsonism.
9. Diuretics.
10. Anticoagulants.
11. Antidiarrheals.
12. Drugs used in skin disorders.
13. Cephalosporins.
14. Anti-fungal agents.
15. Immuno-suppressants.
16. BCG vaccine.
17. Approaches in gene therapy

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