

**QP CODE: 303006 (Old Scheme)**

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

**Third Year B.Pharm Degree Supplementary Examinations  
January 2018  
PHARMACOLOGY – I**

**(2010 Scheme)**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Write equations wherever necessary.

**Essay**

**(3x10=30)**

1. Classify receptors and give a detailed note on G. protein coupled receptors.
2. Discuss the pharmacotherapy of hypertension
3. Classify antianginal agents. Explain the mechanism of action, pharmacology and adverse effects of calcium channel blockers.

**Short notes**

**(14x5=70)**

4. Plasma protein binding
5. Define • first pass metabolism • microsomal enzyme induction
6. Angiotensin converting enzyme inhibitors
7. Classify hypersensitivity reactions with suitable examples
8. Atropine substitutes
9. Oral anti diabetic agents
10. Myasthenia gravis
11. The principles of management of organophosphorous poisoning
12. Explain the importance of cardiac glycosides in the management of congestive cardiac failure
13. Cholinergic transmission
14. Ovulation inducing agents
15. Pharmacogenetics
16. Non-sedative antihistamins
17. Mechanism of action, uses and adverse effects of salbutamol.

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