

**QP CODE: 112328**

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

**First Semester M.Pharm Degree Supplementary Examinations July 2019**

**M.Pharm (Pharmacology)**

**Paper II – ADVANCED PHARMACOLOGY I**

**Time: 3 Hours**

**Total Marks: 75**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essays**

**(3x10=30)**

1. Explain in detail about the structural and functional families of receptors.
2. Discuss the pharmacotherapy for neurodegenerative disorders.
3. Classify sympathomimetic agents. Explain the role of catechol amines in neurotransmission.

**Short Notes**

**(9x5=45)**

4. Significance of protein binding
5. GABA
6. Pre anesthetic medication
7. Myocardial suppressants
8. ACE-inhibitors
9. 5-HT antagonists
10. Role of prostaglandin derivatives
11. Opioid antagonists.
12. Tri-cyclic anti-depressants

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