

FACULTY OF PHARMACY

**M. Pharmacy (Pharmacology) - I Semester (PCI) (Main & Backlog) Examination,
January 2019**

Subject: Advanced Pharmacology-I

Time: 3 Hrs

Max.Marks:75

Note: Answer any five questions. All questions carry equal marks.

1. a) Write a note on significance of protein binding. 7
b) Describe in detail abt mechanism of drug action. 8
2. a) Discuss the pharmacology of acetylcholine. 8
b) Explain in brief abt role of dopamine transmission in CNS. 7
3. a) Classify anti-Parkinson agents. Write in brief abt L-DOPA and carbidopa. (2+8)
b) Write a note on morphine. 5
4. a) Classify anti-diuretics. Write the pharmacology of furosemide. (2+6)
b) Write a note on ACE inhibitors. 7
5. a) Write a note on prostacycline and ondansetron. (4+4)
b) Write a note on kinins. 7
6. a) Explain in brief abt phase II metabolism and Active transport. (4+4)
b) Write the physiological role of ion-channel receptors. 7
7. a) Describe the pharmacology of phenylephrine. 7
b) Write a note on diazepam and fluoxetine. (4+4)
8. a) Explain abt the fibrinolytics. 7
b) Write a note on opioid autacoids 8
