

**FACULTY OF PHARMACY**

**M. Pharmacy (Pharmacology) I – Semester (PCI) (Main & Backlog) Examination,  
February 2020**

**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 drug absorption process. 7  
b) Describe in detail abt ion -channel receptors. 8
2. a) Discuss the pharmacology of dopamine. 8  
b) Explain in brief abt role of glycine transmission in CNS. 7
3. a) Classify anti-depressants. Write in brief abt imipramine. (2+ 8)  
b) Write a note on paracetamol. 5
4. a) Classify diuretics. Write the pharmacology of spironolactone. (2+6)  
b) Write a note on digoxin. 7
5. a) Write a note on prostaglandins. (4+4)  
b) Write a note on cetirizine. 7
6. a) Explain in brief abt significance of protein binding. (4+4)  
b) Write the physiological role of G-protein receptors. 7
7. a) Describe the pharmacology of phenylephrine. 7  
b) Write a note on phenytoin and fluoxetine. (4+4)
8. a) Explain abt the fibrinolytics. 7  
b) Write a note on opioid autacoids. 8

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