

FACULTY OF PHARMACY**M. Pharmacy (Pharmacology) - I Semester (PCI) (Suppl.) Examination Aug. 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 drug distribution.
b) Describe the role of G-Proteins in drug action.
2. a) Discuss the steps involved in neurotransmission.
b) Explain in brief abt role of histamine transmission in CNS.
3. a) Classify anti-psychotic agents. Write in brief abt atypical anti -psychotics.
b) Write a note on d-Tubocurarine.
4. a) Classify anti-ischemic agents. Write the pharmacology of organic nitrates.
b) Write a note on calcium channel blockers.
5. a) Write a note on thromboxane-A₂ and cetirizine.
b) Write a note on serotonin.
6. a) Explain in brief abt elimination and concept of linear pharmacokinetic.
b) Write the physiological role of nuclear receptors.
7. a) Describe the pharmacology of adrenaline.
b) Write a note on sodium valproate and lithium carbonate.
8. a) Explain abt the haematinics
b) Write a note on 5-HT antagonists.
