

Code No: PH204

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Pharm.D II Year Supplementary Examinations, October/November - 2019

PHARMACOLOGY-I

Time: 3hours

Max.Marks:70

Answer any five questions  
All questions carry equal marks

- - -

- 1.a) Classify different routes of drug administration? Mention their advantages and disadvantages?
- b) Define acute, sub-acute and chronic toxicity. [7+7]
- 2.a) Explain the organization and functions of autonomic nervous system.
- b) Explain the pharmacological actions of cholinergic agonists. [7+7]
- 3.a) Write a note on mydriatics and miotics.
- b) Classify adrenergic drugs? Write their general pharmacological actions and therapeutic uses. [7+7]
- 4.a) Classify drugs in the treatment of congestive heart failure? Write their mechanism of action and adverse effects.
- b) Write a note on antianginal drugs. [7+7]
- 5.a) Classify NSAIDs? Write their general mechanism of action, adverse effects and therapeutic uses.
- b) Write a note on CNS stimulants. [7+7]
6. Write a note on:
  - a) Drugs in Myasthenia gravis
  - b) Bronchodilators
  - c) Mucolytics and
  - d) Expectorants. [14]
- 7.a) Explain the synthesis and pharmacological effects of thyroid hormone.
- b) Write a note on oral contraceptives. [7+7]
- 8.a) Explain the pharmacology of histamine.
- b) Write a note on platelet activating factor. [7+7]

---ooOoo---