

Registration No :

--	--	--	--	--	--	--	--	--	--

Total Number of Pages : 01

**B.Pharm
BP404T**

4th Semester Regular Examination 2018-19

PHARMACOLOGY-I

BRANCH : B.Pharma

Time : 3 Hours

Max Marks : 75

Q.CODE : F520

**Answer Question No.1 (Part-A) and 02 (Part-B) which are compulsory and any TWO from Part-C.
The figures in the right hand margin indicate marks.**

Part- A

Q1 Objective Answer Type Questions (Answer All) (2 x 10)

- Define therapeutic index. How it will be calculated?
- What is competitive antagonism? Write one example.
- Define synergism with examples.
- What is Co-transmission?
- Benzodiazepines are preferred over barbiturates –comment.
- Differentiate Tolerance & Dependence.
- What is vesicular reuptake during neurohumoral transmission of noradrenaline? Write one example of is vesicular reuptake inhibitor.
- State the mechanism of local anaesthetics with one example.
- Name any two opoid antagonist with their uses.
- What are anorectics? Write their uses.

Part- B

Q2 Focused-Short Answer Type Questions- (Answer Any Seven) (5 x 7)

- Explain different Phase-II metabolic reaction with suitable examples.
- Briefly describe about the different types of drug interactions with examples.
- Briefly enumerate about the different phases of clinical trial.
- Give a brief account on the treatment of parkinsonism disease.
- Classify and write about the common pharmacological actions of alpha adrenergic blockers.
- Write the mechanism, adverse effect and uses of phenytoin.
- Write a note on centrally acting muscle relaxants,
- Describe any five factors modifying the action of drugs.
- Explain about the different types of adverse drug reactions with suitable examples.

Part-C

Long Answer Type Questions (Answer Any Two)

- Q3** Classify β adrenergic blockers. Describe the pharmacology of propranolol. **(10)**
- Q4** Define analgesics. Classify opoid analgesics with examples and write about the pharmacological action of morphine. **(10)**
- Q5** Classify anticholinergic drugs with examples. Explain about the pharmacological action atropine. **(10)**
- Q6** Classify sedatives and hypnotics. Write M.O.A., adverse effect and uses of benzodiazepines. **(10)**