

**Total No. of Pages : 02**

**Total No. of Questions : 13**

**B.Pharma (2017 Batch) (Sem.-4)**

## PHARMACOLOGY-I

**Subject Code : BP-404T**

**M.Code : 75846**

**Time : 3 Hrs.**

**Max. Marks : 75**

**INSTRUCTIONS TO CANDIDATES :**

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains THREE questions carrying TEN marks each and student has to attempt any TWO questions.**
3. **SECTION-C contains NINE questions carrying FIVE marks each and student has to attempt any SEVEN questions.**

## SECTION-A

**Q.1 Briefly explain :**

- Pharmacology
- Alpha 1 agonists
- Pharmacovigilance
- Antagonism
- Phase I reactions
- GABA
- Drug dependence
- CNS stimulants
- Bioavailability
- Tachyphylaxis

**SECTION-B**

Q.2 Classify antidepressants. Discuss the pharmacology of SSRIs and SNRIs.

Q.3 Discuss mode of action, clinical uses, and side effects of the following :

- |               |               |
|---------------|---------------|
| a. Trazodone  | f. Piracetam  |
| b. Disulfiram | g. Donepezil  |
| c. Carvidelol | h. Olanzapine |
| d. Pentazocin | i. Selegiline |
| e. Lithium    | j. Topiramate |

Q.4 Discuss mode of action, clinical uses, and side effects of the following :

- |                     |                |
|---------------------|----------------|
| a. Sodium valproate | f. Paracetamol |
| b. Bupropion        | g. Haloperidol |
| c. Ziprasidone      | h. Atomoxetine |
| d. Naloxone         | i. Rasagiline  |
| e. Buspirone        | j. Levodopa    |

**SECTION-C**

Q.5 Discuss GABAergic drugs used to treat epilepsy.

Q.6 Briefly discuss the pharmacology of dopamine.

Q.7 Elaborate your views on drug development process.

Q.8 Discuss various factors affecting drug absorption.

Q.9 Classify various drugs acting on parasympathetic nervous system. Discuss the management of glaucoma.

Q.10 Write a note on pre anesthetic medications.

Q.11 Discuss the pharmacology of alcohol.

Q.12 Briefly discuss various pharmacokinetic drug interactions.

Q.13 Write a note on various routes of drug administration.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**