

Roll No.....

Total No. of Printed Pages: [01]

Total No. of Questions: [13]

B. Pharmacy (Semester: 4th)

PHARMACOLOGY-I

Subject Code: BP404T

Paper ID: [17170121]

Time: 03 Hours

Maximum Marks: 75

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 9 questions of 5 marks each. The student has to attempt any 7 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a) Name various routes of drug administration
- b) Define Agonist with suitable example
- c) Define Addiction
- d) Name any two local Anaesthetics
- e) Define Sedatives with suitable example
- f) What do you mean by Pharmacovigilance
- g) Write down examples of Opioid Analgesics
- h) Define Allergy with suitable example
- i) What do you mean by Nootropics
- j) Write down difference between Pharmacokinetics & Pharmacodynamics

Section – B

(5 marks each)

- Q2. Write a brief Note on concept of Essential Drugs
- Q3. Explain 'Kinetics of Drug Elimination'
- Q4. Explain about role of various neurotransmitters in Neurohumoral Transmission
- Q5. Write down classification of AntiEpileptic Drugs
- Q6. Explain difference between tachyphylaxis and idiosyncrasy
- Q7. Write down functions of Autonomic Nervous System
- Q8. Explain the role of Disulfiram in Alcoholism
- Q9. Write note on Myasthenia gravis in detail
- Q10. Explain various factors affecting therapeutic action of Drug

Section – C

(10 marks each)

- Q11. Enumerate Clinical Evaluation of New Drugs in detail
- Q12. Write various drugs to be used for Parkinson and Alzheimer's diseases in detail
- Q13. Explain about classification of Receptors along with Receptor Theory in detail