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