

Roll No. 

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

Total No. of Pages : 02

Total No. of Questions : 22

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 students have to attempt any **TWO** questions.
3. **SECTION-C** contains **NINE** questions carrying **FIVE** marks each and students have to attempt any **SEVEN** questions.

**SECTION-A****Answer briefly :**

1. Define Pharmacovigilance.
2. What are spare receptors?
3. Define Tachyphylaxis.
4. Explain concept of therapeutic index.
5. Define and Classify Seizures.
6. What is Drug Dependence?
7. What are Nootropics?
8. How efficacy, potency and affinity are different?
9. Give limitations of non-selective  $\beta$ -blockers
10. Why some drugs follow zero order kinetics and other first order kinetics?

**SECTION-B**

11. Outline organization and function of ANS.
12. Define pharmacology and explain pharmacokinetics in detail.
13. Write a detailed note on antiepileptic drugs.

**SECTION-C**

14. Write a short note on enzyme coupled receptors.
15. How central acting muscle relaxants are different from peripheral acting?
16. Write a short note on Para sympatholytic.
17. What are pre-anesthetic medications? Discuss in brief.
18. Outline pharmacotherapy of glaucoma.
19. Write a short note on drug abuse.
20. What is zero order and first order elimination kinetics?
21. Write a short note on MAO inhibitors.
22. Outline scope of pharmacology.

**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.**