

**Roll No.**

**Total No. of Pages : 02**

**Total No. of Questions : 13**

**B.Pharma (Sem.-5)**  
**PHARMACOLOGY II-THEORY**

**Subject Code : BP-503T**

**M.Code : 76788**

**Date of Examination : 17-12-22**

**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

**1. Write briefly :**

- How anti-hypertensive drugs are different from hypotensive drugs? Give examples.
- How T3 is different from T4?
- Explain use of diuretics.
- Define angina.
- Which hormones regulate calcium level?
- What are plasma volume expanders?
- What are low molecular weight heparins?
- Classify antirheumatic drugs.
- What are anabolic steroids?
- What are leukotrienes?

### **SECTION-B**

2. Write a detailed note on oral hypoglycemic agents.
3. Outline electrophysiology of heart in detail.
4. Write a detailed note on bioassay of digitalis.

### **SECTION-C**

5. Define and classify autocoids.
6. Explain hemodynamic.
7. Write a short note on substance-P.
8. Classify antihypertensive drugs.
9. Explain mechanism of uterine relaxants.
10. Write a short note on anabolic steroids
11. Classify anti-arrhythmic drugs in detail.
12. Write a short note on fibrinolytics.
13. Outline drugs used in management of septic shock.

**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.**