

Roll No.

Total No. of Pages : 02

Total No. of Questions : 13

B.Pharma (2017 Batch) (Sem.-5)

**PHARMACOLOGY II-THEORY**

Subject Code : BP503T

M.Code : 76788

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 :**

- a) Name two class-I anti-arrhythmic drugs.
- b) Name two angiotensin receptors blockers used as anti-hypertensives.
- c) How aspirin is useful as anti-platelet agent?
- d) What is Ritodrine?
- e) What are leukotrienes? Give examples.
- f) What are Oxytocics? Give two examples.
- g) What are anabolic steroids? Give two examples.
- h) What are quantal and graded bio-assays?
- i) What is nitrate tolerance?
- j) What is finasteride?

**SECTION-B**

2. Write an exhaustive note on pharmacology of anti-anginal drugs.
3. Classify oral hypoglycemic agents and discuss mechanism of action and side effects of sulphonyl ureas.
4. Discuss pharmacology of fibrinolytics.

**SECTION-C**

5. What is congestive heart failure? Discuss mechanism of action of digitalis in congestive heart failure.
6. Add a note on HMG-CoA reductase inhibitors as anti-hyperlipidemic agents.
7. Write a note on plasma volume expanders.
8. Write a note on loop diuretics.
9. Add a note on prostaglandins.
10. Write a note on thioureas as anti-thyroid drugs.
11. Add a brief note on anti-platelet drugs.
12. Explain side effects of oral contraceptives.
13. Add a note on bioassay of Insulin.

**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.**