

Roll No.

Total No. of Pages : 02

Total No. of Questions : 22

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

**PHARMACOLOGY II-THEORY**

Subject Code : BP-503T

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**

**Write briefly :**

1. What are inodialators used in heart failure?
2. What are centrally acting anti-hypertensive agents? Give two examples.
3. What is spironolectone? Highlight therapeutic implications of it.
4. What is fenofibrate? Where it is used?
5. What is acarbose?
6. What is sequential regimen of oral contraceptive pill?
7. What are SERM? Give two examples.
8. What is bio-assay? Indicate various types of bioassay.
9. Name two corticosteroids used as aerosols.
10. What are plasma volume expanders? Give two examples.

### SECTION-B

11. Classify anti-hypertensive drugs and discuss pharmacology of beta-blockers.
12. Write an exhaustive note on NSAIDS.
13. What are oral contraceptives? Indicate various oral pills and discuss mechanism of action of oral contraceptives.

### SECTION-C

14. How nitrates exert their vasodilatory and anti-anginal actions?
15. Add a brief note on drug therapy of shock.
16. Write a note on therapeutic uses and side effects of corticosteroids.
17. Discuss clinical uses and side effects of diuretics.
18. Add a note on leukotrienes.
19. Explain mechanism of action and side effects of sulphonyl ureas as oral hypoglycemic agents.
20. Write a brief note on fibrinolytics.
21. Write a brief note on oral anti-coagulants.
22. Add a note on bioassay of digitalis

**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.**