

Total No. of Questions : 13] [Total No. of Printed Pages - 2]

DEC-23-0081

BP-503 T (Pharmacology-II)

B.Pharm-5th (PCI)

Time : 3 Hours

Max. Marks : 75

Note: Section A is Compulsory, attempt all questions in this section. Attempt any Two questions from Section B and Seven questions from Section C.

**SECTION-A**

(10×2=20)

**Short Answer (Compulsory)**

1. (i) What is the role of substance P and bradykinin?
- (ii) Define Shock. Enlist different types of shock.
- (iii) What are the uses of drugs acting on uterus?
- (iv) Classify DMARDS. Give their applications.
- (v) What are the side effects of oral contraceptives?
- (vi) What are different types of bioassays?
- (vii) What are autocooids? Give their major role in human physiology.
- (viii) What is coronary steal phenomenon?
- (ix) What are major drawbacks of anticoagulant drugs?
- (x) Give examples of Histamine antagonists.

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**SECTION-B**

BP-503 T  
(2×10=20)

**Long Answer (Any Two)**

2. (a) What are NSAIDS? Give MOA of paracetamol and celecoxib.
- (b) What are prostaglandins? Give role and MOA of Thromboxane inhibitors.
3. Classify antidiabetics. Give a detailed account of MOA, uses and complications of sulfonylureas and biguanide derivatives.
4. Give MOA of drugs used in treatment of Arrhythmia. Mention role of different ion channels.

**SECTION-C**

(7×5=35)

**Short Note Answer (Any Seven)**

5. Classify Hyperlipidemic. Give MOA and complications of Statins.
6. What are hematinics? Give their MOA and uses.
7. Classify antiplatelet drugs. Give the MOA of Glycoprotein 2B3A antagonists.
8. What are autocooids? Give pharmacology of 5-HT agonists and Antagonists.
9. Give MOA and uses of Corticosteroids.
10. Give an outline of Bioassay of Digitalis.
11. Classify thyroid hormones. Give MOA and uses of drugs modifying levels of pituitary hormones.
12. Classify anti-gout drugs. Give their MOA and complications.
13. Give role, uses and MOA of plasma volume expanders.

