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Total No. of Pages : 02

Total No. of Questions : 10

B.Pharma (2011 to 2016) (Sem.-5)

**PHARMACOLOGY-I**

Subject Code : BPHM-503

M.Code : 70429

Time : 3 Hrs.

Max. Marks : 80

**INSTRUCTION TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of FIFTEEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains FOUR questions carrying TEN marks each and students have to attempt any THREE questions.

**SECTION-A****1. Write in brief the following :**

- a. What are the uses of local anesthetics?
- b. Enlist general anesthetic agents.
- c. What are the therapeutic uses of NSAIDS?
- d. What are the advantages of sublingual route of administration?
- e. Why l-dopa is combined with carbidopa?
- f. What are the limitations of bioassays?
- g. What is first pass metabolism?
- h. What is the difference between side effects and contraindications?
- i. What are main neurotransmitters of sympathetic and parasympathetic nervous system?
- j. What are the uses of d-tubocurarine?





- k. What are the uses of naloxone?
- l. Enlist therapeutic uses of anticholinergic agents.
- m. What are the uses of chlorpromazine?
- n. How valproic acid is effective in epilepsy?
- o. Enlist narcotic analgesics.

#### SECTION-B

- 2. Explain the mechanism of action of MAO inhibitors in depression?
- 3. What are side effects of antipsychotic agents?
- 4. What are the pharmacological actions of beta blockers?
- 5. Write general principles of management of drug poisoning
- 6. Classify and Discuss antiepileptic agents?

#### SECTION-C

- 7. Classify neuromuscular agents. Explain their side effects and therapeutic uses.
- 8. Classify parkinsonian drugs and explain their mechanism of action.
- 9. Write a note on different routes of administration of drugs with their advantages and limitations.
- 10. Explain the phenytoin along with side effects.

**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.**

