

# M.B.B.S. [2<sup>nd</sup> Prof.]

BF/2021/02

## Pharmacology - A

M.M. : 40

Time : 3 Hours

- Note:
1. Attempt all questions. Illustrate your answer with suitable diagrams.
  2. ATTEMPT BOTH PARTS IN SINGLE ANSWER BOOK ONLY.
  3. **NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/PROVIDED**
  4. **The student must write Q.P. Code in the space provided on the Title page of the Answer Book.**

### PART - I

1. **Write short notes on:-**
  - a. Bioavailability of drugs [3]
  - b. Teratogenesis [3]
2. **Write mechanism of action and important adverse drug reactions of the following:-**
  - a. Sumatriptan [3]
  - b. Phenytoin [3]
3. **Write the pharmacotherapy for:**
  - a. Status asthmaticus [3]
  - b. Acute gout [3]
  - c. Constipation (functional) [2]

### PART - II

4. Classify analgesic drugs. Write the mechanism of action, clinical uses and side effects of aspirin. [6]
  5. **Write in brief:-**
    - a. Management of methyl alcohol poisoning [3]
    - b. Nasal decongestants [3]
    - c. Proton pump inhibitors [4]
  6. **Write short notes on:-**
    - a. Transdermal drug delivery system [2]
    - b. Adverse drug reactions [2]
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