

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

BF/2019/11

## 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. Pharmacogenetics [3]
  - b. Flumazenil [3]
2. **Write mechanism of action and important adverse drug reactions of the following:-**
  - a. Valproic acid [3]
  - b. Long acting  $\beta$ -2 agonists [3]
3. **Write the pharmacotherapy for the following:**
  - a. Anxiety [3]
  - b. Status epilepticus [3]
  - c. Methanol poisoning [2]

### PART - II

4. Enumerate second generation antipsychotic agents and describe mechanism of action, clinical uses and side effects of quetiapine. [6]
  5. **Write in brief:-**
    - a. Drug-drug interactions [3]
    - b. Cytochrome p-450 enzyme inducers [2]
    - c. Disulfiram, and like reaction [3]
  6. **Write notes on:-**
    - a. Ketamine [3]
    - b. Donepezil [3]
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