



**JAZ-M01722**

Seat No. \_\_\_\_\_

**Second Year M. B. B. S. Examination**

**December - 2019**

**Pharmacology : Paper - I**

Time : 2 Hours]

[Total Marks : 40

- Instructions :** (1) Write answer of each section in separate answer book  
(2) Write legibly and precisely

**SECTION - I**

- 1** Write Any **One** of following : **8**
- (a) Drug therapy of status epilepticus.
  - (b) Classify local anaesthetic agents. Write mechanism of action, uses and adverse effects of lignocaine.
- 2** Write short notes on : (Any **Two**) **6**
- (a) Celecoxib
  - (b) Volume of distribution
  - (c) Tamsulosin
- 3** Answer in brief the following : **6**
- (a) Write adverse effects of aspirin.
  - (b) Write name of one selective serotonin and noradrenaline reuptake inhibitor and one noradrenergic and specific serotonergic antidepressant.
  - (c) Write names of four Prodrugs.
  - (d) Write names of four drugs causing antabuse type of reaction.
  - (e) Write four advantages of topical beta-blocker over miotics.
  - (f) Write one clinical significant drug interaction in vivo.

## SECTION - II

- 4 Write Any **One** of the following : **8**
- (a) Classify centrally acting skeletal muscle relaxants. Mechanism of action, uses and adverse effects of dantrolene
  - (b) Classify antianginal drugs. Describe mechanism of action, therapeutic uses and adverse effects of propranolol in angina.
- 5 Write short notes on : (Any **Two**) **6**
- (a) Furosemide
  - (b) Ferrous sulfate
  - (c) Digitalis
- 6 Answer in brief the following : **6**
- (a) Write names of two dopamine receptor agonist in parkinsonism.
  - (b) Write mechanism of action of vitamin K.
  - (c) Write use and limitation of levosimendan.
  - (d) Mention two drug interactions of Angiotensin converting enzyme inhibitor.
  - (e) Mention mechanism of action of aliskiren.
  - (f) Mention two drugs used and its mechanism in Atrioventricular block.
-