



**P-02012138**

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

**Second Year M. B. B. S. (CBCS) Examination**

**July - 2018**

**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) Enumerate route of administration. Describe advantages and disadvantages of parenteral route of administration.
  - (b) Drug therapy of organophosphate poisoning.
  
- 2 Write short notes on any **two** : 6
  - (a) Sodium Valproate
  - (b) Aspirin
  - (c) Lignocaine.
  
- 3 Answer in brief of the following : 6
  - (a) Write four contraindication of propranolol.
  - (b) Mention mechanism of action of allopurinol.
  - (c) Write mechanism of action of tamsulosin.
  - (d) Give four examples of newer drug delivery system.
  - (e) One advantage and one disadvantage of COX<sub>2</sub> inhibitor.
  - (f) Write mechanism of action of 4-methylpyrazole.

**SECTION - II**

- 4 Write any **one** of following : 8
  - (a) Mechanism of action therapeutic uses and adverse effects of succinylcholine.
  - (b) Pharmacological action therapeutic uses and adverse effects of captopril.

- 5** Write short notes on any **two** : **6**
- (a) Fibrinolytics
  - (b) Ferrous sulfate
  - (c) Ezetimibe.
- 6** Answer in brief of the following : **6**
- (a) Write adverse effects of thiazide diuretic.
  - (b) Write Pharmacological basis of furosemide in acute left ventricular failure.
  - (c) Write indications of erythropoietin.
  - (d) Write mechanism of action of rebound hypertension with suitable examples.
  - (e) Write four uses of vasopressin.
  - (f) Write names of four local haemostatic agents.
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