



PAG-0201722

Seat No. _____

Second Year M.B.B.S. Examination

July - 2020

Pharmacology : Paper - I

Time : 2 Hours]

[Total Marks : 40

SECTION-I

- 1 Write any one of the following: 8
- (a) Classify sedative hypnotics. Describe mechanism of action, uses and side effects of Benzodiazepines.
 - (b) Classify beta adrenergic blockers. Describe the uses and contraindications of Propranolol.
- 2 Write short notes on any two: 6
- (a) Bioavailability.
 - (b) Selective COX2 inhibitors.
 - (c) Pharmacological basis of neostigmine in myasthenia gravis.
- 3 Answer in brief: 6
- (a) Write two names of atropine substitutes.
 - (b) Write two contraindications of opioid analgesics.
 - (c) Define prodrug with example.
 - (d) Write two life saving uses of adrenaline.
 - (e) What is synergism? Explain by giving suitable example.
 - (f) Name alpha blocker with its any one use.

SECTION-II

- 1 Write any one of the following: 8
- (a) Classify Anti angina drugs. Describe mechanism of action, uses and side effects of Nitroglycerine.
 - (b) Classify Diuretics. Describe the uses and adverse effects of hydrochlorothiazide.

- 2** Write short notes on any two: **6**
- (a) Compare and contrast heparin Vs warfarin (at least 3 points).
 - (b) Clopidogrel.
 - (c) Pharmacological basis of losartan in hypertension.
- 3** Answer in brief: **6**
- (a) Name any one HMG CoA reductase inhibitor with its clinical use.
 - (b) Write two clinical uses of direct acting skeletal muscle relaxant.
 - (c) Give the name of antidote of Heparin.
 - (d) Which drug can revert action of d-TC.
 - (e) Write the drug of choice for megaloblastic anemia.
 - (f) Write the therapeutic use of desferrioxamine.
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