



DBH-2012138

Seat No. _____

Second Year M. B. B. S. Examination

May - 2022

Pharmacology : Paper-I

(Old Course)

Time : 2 Hours]

[Total Marks : 40

- Instructions :** (1) Write answer to each section in separate answer books.
(2) Legible and precise answer will be appreciated.

SECTION - I

- 1** Answer any one of the following: **8**
- (a) Classify Beta blockers. Write the Therapeutic uses and adverse effects of propranolol.
 - (b) What is bioavailability and write the factors which affect absorption and bioavailability of drugs.
- 2** Write any two of the following: **6**
- (a) Teratogenicity
 - (b) Advantages and disadvantages of intravenous route of drug administration.
 - (c) Paracetamol
- 3** Answer in brief: **6**
- (a) What is Prodrug? Give one example.
 - (b) Pharmacological basis of adrenaline in anaphylactic shock.
 - (c) Name two selective COX-2 inhibitors with its advantages over non-selective -COX inhibitors.

- (d) Mention two uses and two adverse effects of morphine.
- (e) Name two prostaglandin analogues used in Glaucoma.
- (f) Name four selective alpha-blocker.

SECTION-II

- 1** Answer anyone of the following: **8**
- (a) Classify antianginal drugs. Write the pharmacological actions and adverse effects of glyceryl trinitrate.
 - (b) Enumerate anticoagulants. Write the therapeutic uses and adverse effects of oral anticoagulants.
- 2** Write any two of the following: **6**
- (a) loop diuretics.
 - (b) levodopa
 - (c) Statins
- 3** Answer in brief : **6**
- (a) Pharmacological basis for use of aspirin for prophylaxis of arterial thrombus.
 - (b) Pharmacological basis of using potassium sparing diuretics with thiazide diuretics.
 - (c) Name four calcium channel blockers.
 - (d) Mention two uses of folic acid preparations.
 - (e) Name two parenteral iron preparations.
 - (f) Name-two antihypertensives used during pregnancy.
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