

30-03-2021

II-MBBS

01230 A1+01230 A2

Second Professional M.B.B.S. (Main) Examination

March - 2021

PHARMACOLOGY

Paper-First

Time: Three Hours

Maximum Marks: 40

Attempt all questions.

(Use separate answer book for each section)

Section-A

1. Classify alpha blockers. Discuss the mechanism of action, therapeutic uses, adverse effects of Prazosin. 08

2. Explain why: 4 x 3 = 12

- a) Fexofenadine is preferred over chlorpheniramine in pruritus.
- b) Recovery from Thiopentone sodium is fast.
- c) Tamsulosin is used in the treatment of BHP.
- d)  $\beta$  - blockers are used in glaucoma.

Section-B

3. Write short notes on the following:

- a) Apparent volume of distribution, 04
- b) Zero order kinetics 03
- c) Nanoparticles 03

4. Give suitable answer to the following: 10 x 1 = 10

- a) Latanoprost is used in glaucoma.
- b) Scopolamine is used in "Twilight Anaesthesia".
- c)  $\beta$ -blockers are contraindicated in diabetic patient.
- d) A week prior to surgery aspirin may be discontinued.
- e) Allopurinol is given in chronic gout.
- f) Adrenaline given in anaphylactic shock.
- g) Atropine can lead to cycloplegia.
- h) Drugs with narrow therapeutic margin are to be monitored at regular intervals.
- i) Cimetidine can lead to Gynecomastia.
- j) In drug induced Parkinsonism levodopa is not a drug of choice.