

# RUHS

## Second Year MBBS Examination

### II MBBS PHARMACOLOGY PAPER I

Time: 3 hours

Max

Marks: 40

Date: 10-10-2020

Instructions: INSTRUCTIONS: Attempt all questions in both sections: (Use separate answer book for each section)

#### Section 1

1. Classify NSAIDs. Write down mechanism of action, uses, adverse effects and poisoning of paracetamol. (8)

2. Explain:  $4 \times 2 = 08$  (8)

a) Write in detail about three major pathways through which G-protein coupled receptors (GPCRs).

b) Write down mechanism of action, four uses & adverse effects of rabeprazole. (A. 383, B. 103)

c) Four (4) contraindications to spinal

---

anaesthesia. (A. 369, B. 240)

d) Name drugs to treat OPIOIDS & benzodiazepine overdose.

## Section 2

3. Write notes on:  $2 \times 2 = 04$  (4)

a) Names and mechanism of action of drug groups used in the treatment of open angle glaucoma

b) Write mechanism of action, adverse effects & uses of methylxanthines

4. Write short notes on the following: (6)

a) Classify centrally acting muscle relaxants & write down their uses in detail.

b) Classify anti-epileptic drugs by their mechanism of actions.

c) Prophylaxis of severe migraine.

5. Give suitable answers to the following: (9)

a) Teratogenic effects of phenytoin & sodium valproate.

b) Mechanism of action of febuxostat

c) Mechanism of action of bromhexine.

d) Drugs used treatment of status epilepticus

e) Write down SIX (6) names of atypical anti-psychotics.

---

6. Give answers:  $5 \times 1 = 05$  (5)

- a) Pre anaesthetic rationale of Glycopyrolate & ondansatron,
- b) Composition of new formula WHO-ORS.
- c) What is tamsulosin? Mention one indication of it. (A. 142, 143, B. 977)

\*\*\*

www.FirstRanker.com