

Question Paper

Exam Date & Time: 13-Jan-2023 (02:15 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND BDS DEGREE EXAMINATION – JANUARY 2023

SUBJECT: GENERAL AND DENTAL PHARMACOLOGY
(IR BATCH)

Marks: 60

Duration: 165 mins.

Answer all the questions.

- 1A) Classify anti-hypertensives acting on renin angiotensin aldosterone system with suitable examples. Explain the mechanism of action and adverse effects of any one. (5+2+1 = 8)
- 1B) Enumerate any FOUR parenteral drugs used in hypertensive emergencies. (2)
- 2A) Mention FOUR nonselective COX inhibitors. Explain TWO beneficial actions and TWO shared toxicities due to PG synthesis inhibition. (2+2+2=6)
- 2B) Write briefly on acute paracetamol poisoning. (4)
3. **Answer the following:**
- 3A) Explain FOUR factors governing choice of route with examples. (4)
- 3B) Name FOUR non-depolarizing skeletal muscle relaxants and explain their mechanism of action. (4)
- 3C) Explain the mechanism of action, TWO uses and adverse effects of Warfarin. (4)
- 3D) Explain TWO advantages and TWO disadvantages of combined use of antimicrobials with a suitable example. (4)
- 3E) Enlist any FOUR anticholinesterases and mention one use for each. (4)
- 3F) Mention TWO drugs used in anaerobic infection and explain the mechanism of action and adverse effects of any one. (4)
- 3G) Explain the measures to minimize HPA axis suppression during prolonged therapy with glucocorticoids. (4)
- 3H) Write briefly on dentifrices. (4)
- 3I) Enlist FOUR first line antitubercular drugs and mention ONE specific adverse effect for each drug. (4)
- 3J) Explain the consequences of microsomal enzyme induction. (4)

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