

# 2010 Scheme

Q P Code: 203002

Reg. No.: .....

## Second Year BDS Degree Supplementary Examinations July 2023

### General & Dental Pharmacology and Therapeutics

Time: 3 hrs

Max marks: 100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw Diagrams wherever necessary.

#### Essay

(2x14=28)

1. Classify anticholinergic drugs with suitable examples. Write the pharmacological actions, uses and adverse effects of atropine. (5+3+3+3)
2. Classify corticosteroids. Mention the uses and adverse effects of hydrocortisone. Explain the pharmacological basis behind the tapering of dose of steroids in case of chronic therapy. (4+4+4+2)

#### Short essays

(4x8=32)

3. Enumerate four aminoglycoside antibiotics. Mention their uses and adverse effects. (2+3+3)
4. Describe the various routes of drug administration in clinical practice with suitable examples.
5. Enumerate four group of drugs used in pre-anesthetic medication with its rationale (4+4)
6. Classify drugs used in the pharmacotherapy of angina with suitable examples. Outline the mechanism of action and therapeutic uses of nitrates (3+2+2)

#### Short notes

(10x4=40)

7. Uses and adverse effects of Morphine.
8. Write the mechanism of action and uses of proton pump inhibitors.
9. Name two selective cox 2 inhibitors. Mention their advantages over non selective cox inhibitors.
10. Write four groups of drugs used in bronchial asthma with examples
11. Aspirin as an antiplatelet agent – explain.
12. Write the mechanism of action and uses of chloroquine.
13. Enumerate two chelating agents. Add a note on iron poisoning. (1+3)
14. Antiseptics in dental practice.
15. Write the mechanism of action and adverse effects of metronidazole.
16. Outline the treatment of diabetic ketoacidosis.

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