

2010 Scheme

Q P Code: 203002

Reg. No.:

Second Year BDS Degree Supplementary Examinations June 2025 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. Enumerate two groups of sedative hypnotics with two examples each. Write the pharmacological actions, therapeutic uses and adverse effects of diazepam
(4+4+3+3)
2. Classify local anaesthetics with suitable examples. Write the mechanism of action and uses of Lignocaine. Elaborate three techniques of local anaesthesia
(4+2+2+6)

Short essays

(4x8=32)

3. Enumerate FOUR routes of drug administration with examples. Write briefly on the advantages of intravenous route over oral route of drug administration (4+4)
4. Name four adrenergic agonists. Describe three uses of adrenaline with its rationale (2+6)
5. Mention three group of drugs used in the treatment of angina with one example each. Discuss the mechanism of action, other uses and adverse effects of any one class of drugs (3+1+2+2)
6. Describe the uses and adverse effects of glucocorticoids (4+4)

Short notes

(10x4=40)

7. Furosemide – Mechanism of action and therapeutic uses
8. Enumerate two 2nd generation antihistamines and write three advantages of them over conventional antihistamines
9. Obtundents in dental practice
10. Oral anticoagulants in clinical practice
11. Define the term bioavailability. Mention three factors affecting bioavailability with examples
12. Name two 5HT₃ receptor antagonists. Mention their clinical indications.
13. Mechanism of action and uses of Penicillin G
14. Insulin analogues
15. Acyclovir – Uses and adverse effects
16. Compare and contrast - Morphine and Aspirin
