

2010 Scheme

Q P Code: 203002

Reg. No.:

Second Year BDS Degree Supplementary Examinations January 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. Classify Penicillins. Write the mechanism of action, uses and adverse effects of Penicillin G. Add a note on Beta lactamase inhibitors. (4+2+3+2+3)
2. Enumerate FOUR antiepileptic drugs. Discuss the mechanism of action, uses and adverse effects of Phenytoin. Write briefly on management of status epilepticus (2+2+2+4+4)

Short essays

(4x8=32)

3. Explain the mechanism of action, uses and adverse effects of Aspirin. (2+3+3)
4. Classify local anaesthetics. Describe two techniques of local anaesthesia with examples (4+4)
5. Enumerate FOUR anticholinergic drugs. Write the uses and adverse effects of Atropine (2+3+3)
6. Classify diuretics. Mention the mechanism of action, uses and adverse effects of Furosemide (2+1+2+3)

Short notes

(10x4=40)

7. Adrenaline in Anaphylactic shock – rationale
8. Compare and contrast – Heparin and Warfarin
9. Antiseptics and disinfectants in dentistry
10. Name two selective serotonin reuptake inhibitors. Enumerate the uses of anyone.
11. Enumerate TWO drugs useful in the treatment of candidiasis. Add a note on super infection
12. Obtundents in dental practice
13. Therapeutic uses of Prednisolone
14. Metronidazole – Mechanism of action and uses
15. Name two drug groups useful in the treatment of vomiting with examples
16. Define bioavailability. Mention three factors affecting bioavailability
