

2010 Scheme

Q P Code: 203002

Reg. No.:

Second Year BDS Degree Supplementary Examinations January 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. Enumerate the various routes of drug administration with advantages and disadvantages. Write briefly about the factors which modify drug action. (8+6)
2. Classify opioid analgesics. Discuss pharmacological actions, uses, adverse effects and contraindications of morphine. Outline the treatment of morphine poisoning. (3+2+2+2+2+3)

Short essays

(4x8=32)

3. Classify insulin preparations. Mention the therapeutic uses and adverse effects of insulin. (4+4)
4. Classify atropine substitutes. Enumerate their therapeutic uses. (4+4)
5. Classify antianginal drugs. Outline the mechanism of action and therapeutic uses of nitrates. (3+2+3)
6. Name six fluoroquinolones. Enumerate their therapeutic uses. (3+5)

Short notes

(10x4=40)

7. Explain Vinca alkaloids.
8. PEP (Post Exposure Prophylaxis) of HIV (Human Immuno Deficiency Virus) infections in high risk health care workers.
9. Name two H₂ blockers. Mention their therapeutic uses.
10. Name four bronchodilators. Explain the mechanism of action of any one.
11. Name two β -lactamase inhibitors. Explain the rationale of combining them with penicillins.
12. Explain metronidazole.
13. Name two mummifying agents. Comment on the statement- "Mummifying agents are obsolete".
14. Pharmacotherapy of status epilepticus.
15. List the vitamin D preparations and their uses.
16. Compare and contrast nifedipine and verapamil
