

2010 Scheme

Q P Code: 203002

Reg. No.:

Second Year BDS Degree Supplementary Examinations August 2024

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 penicillin's. Explain the mechanism of action, uses and adverse effects of penicillin G. add a note on Beta lactamase (4+2+3+3+2)
2. Describe the pharmacological actions, therapeutic uses and adverse effects of morphine. Outline the treatment of Morphine poisoning. (4+3+4+3)

Short essays

(4x8=32)

3. Explain the mechanism of action, uses and adverse effects of heparin. Name two low molecular weight heparins. (2+2+2+2)
4. Enumerate four local anaesthetics. Describe two techniques of local anaesthesia with examples. (2+6)
5. Enumerate four adrenergic agonists. Mention three uses of adrenaline with its rationale. (2+6)
6. Explain renin – angiotensin system with the help of a neat diagram. Write the uses and adverse effects of ACE inhibitors. (4+2+2)

Short notes

(10x4=40)

7. Uses and adverse effects of furosemide.
8. Pharmacotherapy of status asthmaticus.
9. Triple drug regimen used in the management of peptic ulcer.
10. Name three advantages of diazepam over phenobarbitone as hypnotic.
11. Enumerate two 2nd generation antihistamines and write three advantages of them over conventional antihistamines.
12. Role of fluorides in dental practice.
13. Insulin analogues.
14. Metronidazole; mechanism of action and uses.
15. Advantages of intravenous route over oral route of drug administration.
16. Post exposure prophylaxis of HIV (Human Immuno deficiency virus) infection.
