

2010 Scheme

Q P Code: 203002

Reg. No.:

Second Year BDS Degree Supplementary Examinations July 2022

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 antihypertensives with suitable examples. Discuss the mechanism of action, therapeutic uses and adverse effects of ACE (angiotensin converting enzyme) inhibitors. Name two drugs useful in treating hypertensive emergencies. (5+2+3+3+1)
2. Classify non-opioid analgesics. Discuss the mechanism of action, major pharmacological actions, uses, adverse effects of aspirin. Explain the rationale of stopping aspirin one week before elective surgery. (4+1+2+3+2+2)

Short essays

(4x8=32)

3. Classify oral antidiabetic agents. Explain the mechanism of action of any two groups. (4+4)
4. Classify adrenergic drugs based on their therapeutic uses. Enumerate the adverse effects and contraindications of adrenaline. (5+3)
5. Classify diuretics with suitable examples. Outline the mechanism of action, uses and adverse effects of any one group. (4+1+2+1)
6. Classify cephalosporins with suitable examples. List two merits and uses of 3rd generation cephalosporins. (2+3+3)

Short notes

(10x4=40)

7. Explain the mechanism of action, prevention and treatment of toxicity of cyclophosphamide.
8. Explain the mechanism of action and mention the uses of chloroquine.
9. Explain the mechanism of action and mention the uses of ondansetron.
10. Name two mucolytics; explain the mechanism of action of any one. What are their indications.
11. Define a chelating agent; give two examples; mention two specific uses for each.
12. Post exposure prophylaxis of HIV (human immuno deficiency virus).
13. Name two intravenous anesthesia inducing agents; mention one merit and one demerit for each.
14. Treatment of status asthmaticus.
15. Enumerate the use of fluoride in dentistry.
16. Comment on the merits and demerits of lignocaine and adrenaline combination as local anesthetic
