

2010 Scheme

Q P Code: 203002

Reg. No.:

Second Year BDS Degree Supplementary Examinations April 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 local anaesthetics with suitable examples. Describe three techniques of local anaesthesia. Write the rationale for combining lignocaine and adrenaline
(5+6+3)
2. Enumerate four beta blockers. Write the mechanism of action, uses and adverse effects of propranolol. Mention the advantages of cardioselective beta blockers over nonselective beta blockers.
(2+2+4+2+4)

Short essays

(4x8=32)

3. Classify Non-Steroidal Anti-inflammatory Drugs (NSAIDs). Write four uses and four effects of aspirin.
(4+4)
4. Explain the factors modifying drug action with suitable examples.
5. Classify glucocorticoids. Write the uses and adverse effects of prednisolone(2+3+3)
6. Enumerate three groups of antihypertensive agents with suitable examples. Write the mechanism of action, other uses and adverse effects of enalapril. (3+1+2+2)

Short notes

(10x4=40)

7. Compare and contrast; Furosemide and Spironolactone.
8. Name two proton pump inhibitors. Mention their therapeutic uses.
9. Write the mechanism of action and therapeutic uses of carbamazepine.
10. Name TWO second generation H1 receptor antagonists; Enumerate their clinical indications.
11. Metronidazole; mechanism of action and uses.
12. Disclosing agents.
13. Adrenaline in anaphylactic shock; Rationale.
14. Therapeutic uses and adverse effects of Amoxicillin.
15. Enumerate the first line agents for the treatment of tuberculosis. Write the regimen for newly diagnosed pulmonary tuberculosis.
16. Name two SSRIs (Selective Serotonin Reuptake Inhibitor) and mention their uses.
