

2010 Scheme

Q P Code: 203002

Reg. No.:

Second Year BDS Degree Regular/Supplementary Examinations

December 2020

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 various routes of drug administration giving one example for each. Compare and contrast oral and intravenous routes with respect to their advantages and disadvantages. (6+8)
2. Classify local anesthetics. Discuss their mechanism of action, pharmacological actions, uses and adverse effects of lignocaine. (4+4+2+4)

Short essays

(4x8=32)

3. Outline the therapeutic uses of glucocorticoids and mention its side effects. (5+3)
4. List the therapeutic uses, adverse effects and contraindications of β -blockers. (4+2+2)
5. Discuss the mechanism of action, uses and adverse effects of digoxin. (3+2+3)
6. Mention four aminoglycoside antibiotics. Write their mechanism of action, uses and side effects. (2+3+1+2)

Short notes

(10x4=40)

7. Explain Methotrexate.
8. DOTS (Directly Observed Treatment Short Course). Explain their mechanism of action.
9. Explain antitussive. Give two examples. Mention their uses.
10. Explain Albendazole.
11. Advantages of doxycycline over oxytetracycline.
12. Role of antiseptic mouth washes in the prevention of caries.
13. Benzodiazepines are preferred over barbiturates as sedative-hypnotics; give reasons.
14. Compare and contrast; diazepam and phenobarbitone
15. Explain Aspirin
16. Enumerate the use of fluoride in dentistry.
