

# 2010 Scheme

Q P Code: 203002

Reg. No.: .....

Second Year BDS Degree Supplementary Examinations January 2020

## General & Dental Pharmacology and Therapeutics

Time: 3 hrs

Max marks: 100

- Answer all questions
- Draw diagram wherever necessary

### Essay

(2x14=28)

1. Define biotransformation. Mention different biotransformation reactions with examples. Explain the methods used to prolong the drug action with suitable examples. (2+6+6)
2. Explain the mechanism of action, pharmacological actions, therapeutic uses and adverse effects of aspirin. Add a note on paracetamol poisoning. (2+3+3+3+3)

### Short essays

(4x8=32)

3. Classify anticoagulants with suitable examples. Explain the mechanism of action and adverse effects of any one. (4+2+2)
4. Explain four techniques of administration of local anesthesia. Mention the advantages and disadvantages of combining adrenaline with local anesthetics. (4+4)
5. Classify antifungal agents with suitable examples. Explain the mechanism of action of any one. Add a note on the management of oral candidiasis. (4+2+2)
6. Enumerate four cardio selective beta blockers. Explain three cardiovascular and three non-cardiovascular uses of beta blockers. (2+3+3)

### Short notes

(10x4=40)

7. The mechanism of action, uses and adverse effects of acyclovir.
8. Mention four inhalational agents belonging to different groups used in bronchial asthma. Explain the mechanism of action of any one.
9. Enumerate three groups of drugs that reduces gastric acid secretion with suitable example for each group. Explain the mechanism of action of sucralfate.
10. Depolarizing skeletal muscle relaxants.
11. Enumerate four oral anti diabetic agents belonging to different groups. Explain the mechanism of action of any one.
12. Disclosing agents used in dentistry.
13. Explain the uses and adverse effects of atropine.
14. Explain the mechanism of action, uses and adverse effects of digoxin.
15. Mention the general toxicities of anticancer drugs. What are the measures taken to ameliorate the same.
16. The therapeutic uses of metronidazole.

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