

Q P Code: 213002

Reg. No.: .....

**Second Year BDS Degree Regular/Supplementary Examinations  
December 2020**

**General & Dental Pharmacology and Therapeutics  
(2016 Scheme)**

Time: 3 hrs

Max marks: 70

- 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.

**Essays:**

**(2x10=20)**

1. Classify drugs used in the chemotherapy of tuberculosis. Outline the mechanism of action and adverse effects of Isoniazid. (4+3+3)
2. Classify beta blockers. Write the pharmacological actions, therapeutic uses, adverse effects of propranolol. (3+2+3+2)

**Short Notes:**

**(4x5=20)**

3. Therapeutic uses and adverse effects of angiotensin converting enzyme inhibitors. (2+3)
4. Classify three groups of diuretics with suitable examples. Explain the mechanism of action and adverse effects of any one group. (3+1+1)
5. Explain transdermal drug delivery system with a neat labeled diagram and give two examples. (2+2+1)
6. Enumerate the uses and adverse effects of corticosteroids.

**Answer Briefly:**

**(10x3=30)**

7. Uses of metronidazole
8. Insulin analogs
9. Mention two second generation antihistamines and explain two differences between first and second generation antihistamines.
10. Enumerate three teratogenic drugs.
11. First pass metabolism
12. Give three examples of antitussives
13. Explain superinfection. Give two examples
14. Compare and contrast between procaine and lignocaine
15. Use of Atropine for preanaesthetic medication.
16. Oral anticoagulants - classify and mention one use.

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