

**Q P Code: 213002**

**Reg. No.: .....**

**Second Year BDS Degree Examinations July 2019**

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

**Time: 3 hrs**

**Max marks: 70**

- Answer all questions
- Draw diagram wherever necessary

**Essays: (2x10=20)**

1. Enumerate two parenteral and two oral anticoagulants from different groups. Explain the mechanism of action, adverse effects and uses of any one oral anticoagulant.  
(4+2+2+2)
2. Classify antifungal agents. Explain the treatment of oral candidiasis. (6+4)

**Short Notes: (4x5=20)**

3. Classify three groups of diuretics with suitable examples. Explain the mechanism of action and adverse effects of any one group. (3+2)
4. Explain five factors which affect drug action
5. Classify alpha blockers with suitable examples. Explain the cardiovascular effects of alpha blockers (3+2)
6. Mention four inhalational general anesthetics. Add a note on conscious sedation. (2+3)

**Answer Briefly: (10x3=30)**

7. The uses of metronidazole
8. Obtundants
9. Explain three uses of propranolol
10. Insulin analogs
11. Mention two second generation anti-histamines and explain two differences between the first generation and second generation H<sub>1</sub> anti-histamines.
12. Enumerate four benzodiazepines and mention two uses for any one
13. List the drugs used in the management of paucibacillary leprosy and mention their adverse effects
14. Explain briefly on Aspirin.
15. Compare and contrast: erythromycin and azithromycin
16. Mention any two medical emergencies that could be encountered in dental practice. Explain the pharmacological management of any one of them.

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