



**Q P Code: 203002**

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

**Second Year BDS Degree Supplementary Examinations July 2018**

**General & Dental Pharmacology and Therapeutics  
(2010 Scheme)**

**Time: 3 hrs**

**Max marks: 100**

- Answer all questions
- Draw diagram wherever necessary

**Essay**

**(2x14=28)**

1. Classify anti-hypertensive drugs. Discuss the mechanism of action, uses and adverse effects of angiotensin converting enzyme (ACE) inhibitors. (5+3+3+3)
2. Classify the drugs used in pulmonary tuberculosis. Discuss the mechanism of action of rifampicin and add a note on its adverse effects. Mention other uses of rifampicin.

**Short essays**

**(4x8=32)**

3. Describe the mechanism of drug action with suitable examples.
4. Explain the pharmacological actions of adrenaline and its therapeutic uses.
5. Explain the mechanism of action, therapeutic uses and adverse effects of barbiturates.
6. Discuss the mechanism of action and uses of fluoroquinolones

**Short notes**

**(10x4=40)**

7. Mention two NSAIDs and their uses
8. Mention two sulfonylureas and their adverse effects.
9. Explain the mechanism of action of fluoride as an anti-caries agent. List the measures to prevent dental caries.
10. Mention four uses of corticosteroids.
11. Therapeutic uses of metronidazole and its adverse effects.
12. Mechanism of action and uses of proton pump inhibitors.
13. Mention two antiplatelet drugs and their uses.
14. Mention oral iron preparations and indications for parenteral iron.
15. Mention four methods to prolong drug action.
16. Describe the uses of antiseptics and disinfectants in dentistry with suitable examples.

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