

Second Year BDS Degree Supplementary Examinations - February 2016

**GENERAL & DENTAL PHARMACOLOGY AND THERAPEUTICS**

**Time: 3 hrs**

**Max marks: 100**

- Answer all questions
- Draw diagram wherever necessary

**Essay**

**(2x14=28)**

1. Classify anti hypertensive drugs with examples. Explain the mechanism of action, adverse effects and advantages of amlodipine as an anti hypertensive (5+4+3+2=14)
2. Classify local anesthetics. Explain its mechanism of action, various techniques for administration and adverse effects (4+3+5+2=14)

**Short essays**

**(4x8=32)**

3. Explain four important factors modifying drug action, with suitable examples
4. Explain the mechanism of action, uses and adverse effects of metronidazole
5. Classify anti platelet drugs and explain its indications
6. Classify anti-histamines. Mention its uses and adverse effects. Explain the advantages of second generation anti-histamines over conventional preparations

**Short notes**

**(10x4=40)**

7. Explain the clinical uses of adrenaline
8. Teratogenecity
9. Differentiate domperidone and metoclopramide
10. Enumerate four penicillins and mention the clinical uses of any one
11. Explain two non-endocrinal uses of glucocorticoids
12. Outline the treatment of status epilepticus
13. Explain the pharmacological treatment of myasthenia gravis
14. Explain the term 'super infection' and mention suitable examples
15. Name the drugs used, its adverse effects and duration of treatment for multi bacillary leprosy
16. Obtundents

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