



Second Year BDS Degree Supplementary Examinations - March 2013

GENERAL & DENTAL PHARMACOLOGY AND THERAPEUTICS

Time: 3 hrs

Max marks: 100

- Answer all questions
- Draw diagram wherever necessary

Essay

(2x14=28)

1. Classify non-steroidal anti-inflammatory drugs. Mention the mechanism of action, adverse effects, and therapeutic uses of aspirin. (5+3+3+3)
2. Classify fluoroquinolones. Enumerate the mechanism of action, adverse effects, and therapeutic uses of ciprofloxacin. (5+3+3+3)

Short essays

(4x8=32)

3. Classify the local anaesthetics. Explain the mechanism of action of lignocaine (5+3)
4. Classify diuretics and mention the mechanism of action of loop diuretics (5+3)
5. Classify oral hypoglycaemic agents. Mention the mechanism of action and adverse effects of glibenclamide. (5+3)
6. Classify antiseptics and mention its therapeutic applications. (5+3)

Short notes

(10x4=40)

7. Therapeutic uses and adverse effects of digoxin.
8. Therapeutic uses and contraindications of adrenaline.
9. Intravenous general anaesthetics
10. Explain briefly about the drugs used in helicobacter pylori therapy
11. Oral iron preparations
12. Mention four calcium channel blockers and its therapeutic uses
13. Explain about the local haemostatics
14. Explain the therapeutic uses of cotrimoxazole
15. Explain briefly on dentifrices
16. Mention the drugs used in insomnia and explain the mechanism of action .
