

Second Year BDS Degree Examinations - August 2015

GENERAL & DENTAL PHARMACOLOGY AND THERAPEUTICS

Time: 3 hrs

Max marks: 100

- Answer all questions
- Draw diagram wherever necessary

Essay

(2x14=28)

1. Enumerate the various routes of drug administration with one example of drug for each. Discuss the merits and demerits of intravenous route. (8+3+3=14)
2. Classify betalactam antibiotics. Mention the mechanism of action, therapeutic uses and adverse effects of amoxycillin (7+2+3+2=14).

Short essays

(4x8=32)

3. Classify anticholinesterases. Discuss its therapeutic uses.
4. Classify antihistaminics. Discuss its clinical uses.
5. Mechanism of action, uses and adverse effects of phenytoin
6. Preparations of insulin and insulin analogues

Short notes

(10x4=40)

7. Pharmacotherapy of anaphylactic shock
8. Mummifying agents
9. Therapeutic uses of lignocaine
10. Adverse effects of digoxin
11. Compare and contrast—heparin and warfarin
12. Uses of metronidazole
13. Adverse effects of furosemide
14. Adverse effects of corticosteroids
15. Uses of omeprazole
16. Merits and demerits of thiopentone sodium