

**Second Year BDS Degree Examinations – July 2016**

**GENERAL & DENTAL PHARMACOLOGY AND THERAPEUTICS**

**Time: 3 hrs**

**Max marks: 100**

- Answer all questions
- Draw diagram wherever necessary

**Essay**

**(2x14=28)**

1. Classify the antihypertensive drugs. Explain in detail about the mechanism of action, adverse effects and therapeutic uses of angiotensin converting enzyme inhibitors. (5+3+3+3=14)
2. Enumerate the drugs used in the treatment of tuberculosis. Explain the mechanism of action, adverse effects, therapeutic uses of rifampicin. (5+3+3+3=14)

**Short essays**

**(4x8=32)**

3. Explain the preparations of insulin and insulin analogues
4. Classify anti anginal drugs. Discuss the mechanism of action and adverse effects of nitrates in angina.
5. Enumerate the broad spectrum antibiotics and write the mechanism of action, adverse effects and therapeutic uses of tetracycline.
6. Classify anti emetics. Explain the mechanism of action and uses of metoclopramide

**Short notes**

**(10x4=40)**

7. Explain the advantages and disadvantages of intra muscular administration of drugs
8. Mention four anti cholinergics and its therapeutic application
9. Explain briefly about obtundents
10. Mention four adverse effects and uses of morphine
11. Explain the treatment of anaphylactic shock.
12. Therapeutic uses of lignocaine.
13. Mention the therapeutic uses and adverse effects of anti platelet drugs
14. Mention two chelating agents and its uses.
15. Mention briefly about the adverse effects of phenytoin.
16. Mention two calcium preparation and its therapeutic applications.

\*\*\*\*\*