

Q P Code: 203002**Reg. No.:****Second Year BDS Degree Supplementary Examinations January 2018****GENERAL & DENTAL PHARMACOLOGY AND THERAPEUTICS****Time: 3 hrs****Max marks: 100**

- Answer all questions
- Draw diagram wherever necessary

Essay**(2x14=28)**

1. Classify local anesthetic agents. Discuss the mechanism of action, pharmacological actions, therapeutic uses and adverse effects of lignocaine. (4+2+2+4+2)
2. Classify anticholinesterases. Discuss the mechanism of action and therapeutic uses of anticholinesterases. Add a note on treatment of organophosphorus poisoning. (3+3+4+4)

Short essays**(4x8=32)**

3. Advantages and disadvantages of intravenous route of administration. (4+4)
4. Explain the pharmacological actions, therapeutic uses and adverse effects of propranolol. (2+4+2)
5. Discuss the mechanism of action, pharmacological actions, therapeutic uses and adverse effects of aspirin. (2+2+3+1)
6. Discuss the mechanism of action, therapeutic uses and adverse effects of phenytoin. (2+3+3)

Short notes**(10x4=40)**

7. Mention two antihistamines and four therapeutic uses of anti-histamines.
8. Mention two antihypertensive drugs – its uses and their adverse effects.
9. Broad spectrum penicillins.
10. Mention four oral anti-diabetic agents and two indications for insulin.
11. Mention two aminoglycosides, uses and their adverse effects.
12. Mouthwashes.
13. Methotrexate.
14. 5HT₃ antagonists.
15. Mention uses and adverse effects of morphine.
16. List two groups of drugs used in bronchial asthma with an example and its rationale.
