

Q P Code: 213002

Reg. No.: .....

Second Year BDS Degree Supplementary Examinations January 2019

**General & Dental Pharmacology and Therapeutics  
(2016 Scheme)**

Time: 3 hrs

Max marks: 70

- Answer all questions
- Draw diagram wherever necessary

**Essays:** (2x10=20)

1. Classify local anesthetics with suitable examples. Explain the uses and techniques of local anesthesia. (4+6)
2. Enumerate the first line anti-tubercular drugs with their characteristic adverse effects. Explain the rationale for combination chemotherapy in tuberculosis. Mention four second line anti-tubercular drugs. (5+3+2)

**Short Notes:** (4x5=20)

3. List four advantages of intravenous route of drug administration. Mention two examples of drugs given intravenously. (4+1)
4. Classify three groups of antihypertensive agents with a suitable example. Explain the mechanism of action of any one group. (3+2)
5. Define and explain the various types of adverse drug reactions. (1+4)
6. Classify skeletal muscle relaxants. Explain their uses. (3+2)

**Answer Briefly:** (10x3=30)

7. The uses of fluconazole
8. Astringents
9. Indications of parenteral iron therapy
10. Enumerate four synthetic glucocorticoids and their non-endocrinal uses
11. Mention three groups of bronchodilators with a suitable example for each
12. Atypical antipsychotics
13. Explain the mechanism of action and adverse effects of chloroquine
14. Compare and contrast metoclopramide and domperidone
15. Mention four drugs used in peptic ulcer from different groups and explain the mechanism of action of any one of them
16. Pre-anesthetic medication.

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