

**XU-107**

**D/ME-4820**

**Second B.D.S. (New) Examination  
January-2015  
General and Dental Pharmacology**

**Faculty Code : D/ME  
Subject Code : 4820**

**Time : 3 Hours]**

**[Total Marks : 70**

- Instructions :** (1) Figure to the right indicates full marks.  
(2) Draw diagrams where ever necessary.  
(3) Use separate answer book for each section.  
(4) Write legibly.

**SECTION – 1**

**(35)**

1. Write on : (Any **two**) **10**
- (a) Drug therapy of anaphylactic shock.
  - (b) Classification of antiepileptic drugs. Therapeutic uses and adverse effects of carbamazepine.
  - (c) Mechanism of action, therapeutic uses and adverse effects of levodopa.
2. Write answers in brief : (Any **five**) **10**
- (a) Dose and route of administration of dopamine in hypotension.
  - (b) Mechanism of action of heparin.
  - (c) Mechanism of action of succinylcholine.
  - (d) Adverse effects of ferrous sulfate.
  - (e) Contraindications of Morphine.
  - (f) Why atropine used as pre-anesthetic medication ?
3. Write short note on : (Any **three**) **15**
- (a) Aspirin
  - (b) Salbutamol
  - (c) Prazosin
  - (d) Morphine

**SECTION – 2**

**(35)**

4. Write on : (Any **two**) **10**
- (a) Drug therapy of diabetes ketoacidosis.
  - (b) Drug therapy of meningitis.
  - (c) Mechanism of action, therapeutic uses and adverse effects of tetracycline.
5. Write answer in brief. (Any **five**) **10**
- (a) Mechanism of action of linezolid.
  - (b) Anti-inflammatory mechanism of glucocorticoids.
  - (c) Mechanism of action of non systemic antacid.
  - (d) Adverse effects of sulfonamides.
  - (e) Why toothpaste is commonly used dentifrices ?
  - (f) Name two obtudents.
6. Write short note on : (Any **three**) **15**
- (a) Drug dependence.
  - (b) Drug therapy of dento alveolar abscess.
  - (c) Antiseptics in dentistry.
  - (d) Vitamin D.
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