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ITS Dental College Hospital & Research Centre  
(21015)  
47, Knowledge Park-III, Greater Noida

Roll No. ....

**B. D. S. II Prof.**

**5139(N)**

**B. D. S. Supply. & Main Examination, Oct. 2015**

**General & Dental Pharmacology**

**Therapeutics**

**[BDS - 05(N)]**

*Time : Three Hours]*

*[Maximum Marks : 70*

- Note :* (i) All questions are compulsory. Parts of a question should be attempted in sequence. Draw diagrams wherever necessary.
- (ii) Use separate answer books for Part-A and Part-B.

**Part-A**

**[Marks : 35**

1. Classify NSAID's. Discuss the mechanism of action, therapeutic uses and adverse effects of ASPIRIN. 10
2. Discuss drug treatment of : 5×2=10
  - (a) Anaphylactic shock
  - (b) Acute necrotizing ulcerative gingivitis (ANUG)

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3. Write short notes on : 5×3=15
- (a) Obtundents
  - (b) G-Protein coupled receptors
  - (c) Lignocaine.

**Part-B**

[Marks : 35]

1. Discuss the pharmacological basis for the use of : 5×3=15
- (a) Amonyallin with clavulanic acid
  - (b) Sulfonylureas in type-II diabetes mellitus
  - (c) Sublingual nitrates in an acute attack of angina pectoris.
2. Describe briefly the therapeutic uses and adverse effects of : 5×2=10
- (a) Propranolol
  - (b) Morphine.
3. Write short notes on : 5×2=10
- (a) Prokinetics
  - (b) Oral anticoagulants.

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**March 2015**

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**BDS-05(N)**

*Time : Three Hours ]*

*[Maximum Marks : 70*

**Note:** All questions are compulsory. Parts of a question should be attempted in sequence.

Draw diagrams wherever necessary.

**Part - A**

1. Classify NSAID'S. Discuss the mechanism of action, therapeutic uses, drug interactions and adverse effects of ASPIRIN. 15

P.T.O.

2. Discuss drug treatment of :  $5 \times 2 = 10$

(a) Acute MI

(b) Gingivitis

3. Write short notes on :  $2.5 \times 4 = 10$

(a) Oral route of drug administration

(b) Obtundents

(c) Vitamin K

(d) Fluorides in dentistry

#### Part - B

1. Discuss the pharmacological basis for the following :  $5 \times 3 = 15$

(a) Tetracyclines should not be used in young children.

(b) Use of atropine in pre-anaesthetic medication.

(c) Use of nitrates in acute angina.

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2. Describe briefly the therapeutic uses and adverse effects of :  $2.5 \times 4 = 10$

- (a) Morphine
- (b) Sulfonylureas
- (c) Fluoroguinolones
- (d) Adrenaline

3. Write short notes on:  $5 \times 2 = 10$

- (a) Pro kinetics
- (b) BAL

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