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(20216)

Roll No.

B.D.S. II Prof.

5139(N)

B.D.S. Supply. Examination,

Feb. 2016

General & Dental Pharmacology

Therapeutics

Paper - II

(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 anticholinergic drugs and discuss their pharmacological actions, side effects and therapeutic uses.

15

P.T.O.

2. Write short notes on : 2.5×4=10

- (i) Therapeutic Index
 - (ii) Amlodipine
 - (iii) Enzyme Induction
 - (iv) Dopamine
3. (i) Discuss mechanism of action and side effects of lignocaine. Describe various techniques of local anesthesia.

5×2=10

- (ii) Discuss mechanism of action, side effects and therapeutic uses of Penicillin.

Part-B

1. Discuss the rationale of using : 4×4=16

- (i) Sulfamethoxazole with Trimethoprim
- (ii) ACE inhibitors with thiazides
- (iii) Paracetamol with Ibuprofen
- (iv) Beta-2 agonists with Methylxanthines

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2. Write short notes on : 2.5×4=10

- (i) BAL
 - (ii) Disclosing agents
 - (iii) Side effects of tetracyclines
 - (iv) Metoclopramide
3. Describe the following : 4.5×2=9
- (i) Corticosteroids
 - (ii) Organic Nitrates

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Roll No.

B.D.S. II Prof.

5139(N)

B.D.S. Supply & Main Examination

Nov. 2016

General & Dental Pharmacology

Therapeutics

(BDS-05)

Time : Three Hours]

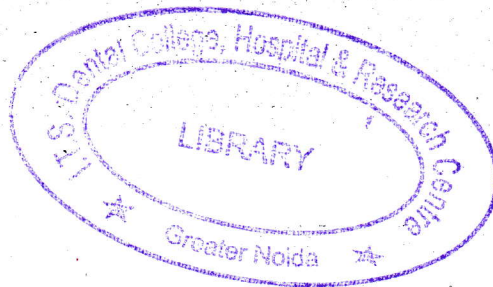
[Maximum Marks : 70

- 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 & B.

Part-A

1. Classify local anaesthetics. Discuss the mechanism of action, therapeutic uses and adverse effects of Lignocaine. 10

P.T.O.



2. Discuss drug treatment of : $5 \times 2 = 10$
(a) Myocardial infarction
(b) Status epilepticus.
3. Write short notes on : $5 \times 3 = 15$
(a) Dentrifices
(b) Zero order kinetics of elimination
(c) Third generation cephalosporins

PART-B

1. Discuss the pharmacological basis for the use of : $5 \times 3 = 15$
(a) ACE-Inhibitors as antihypertensives
(b) Domperidone as antiemetic
(c) Adrenaline in anaphylactic shock
2. Describe briefly the therapeutic uses and adverse effects of : $5 \times 2 = 10$
(a) Sulfonylureas
(b) Antiplatelet drugs
3. Write short notes on : $5 \times 2 = 10$
(a) Selective Cox-II Inhibitors
(b) Vitamin-D