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Roll No. 609908c

B.D.S. II Prof.

5139 (N)

**B.D.S. Supply. Examination,
July 2011**

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 antihypertensives. Discuss the mechanism
P.T.O.

✓ L of action, uses, adverse effects and contraindications
of ACE inhibitors. 14

2. Discuss the drug treatment of : 10

✓ (a) ✓ Anaphylactic shock

✓ (b) ✓ Organophosphorus poisoning 3 w/v

3. Write short notes on : (2.5x4)

✓ (a) ✓ Prodrugs

✓ (b) ✓ Vitamin K

✓ (c) ✓ Dentifrices

✓ (d) ✓ Omeprazole

PART - B

1. Discuss the pharmacological basis for the use of : 4x4

✓ (a) ✓ amoxycillin with clavulanic acid,

(b) ✓ aspirin in myocardial infarction

(c) ✓ multidrug treatment in tuberculosis

(d) ✓ levodopa with carbidopa.

2. Write uses and adverse effects of : (2.5x4)

(a) ✓ Morphine

(b) ✓ (Sulfonylureas)

(c) ✓ (Fluoroquinolones)

(d) ✓ Calcium channel blockers

3. Discuss in brief : 5x2

(a) ✓ Furosemide

(b) Second generation antihistaminics

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Roll No.

B.D.S. II Prof.

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ITS Dental College Hospital & Research Centre
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5139 (N)

B.D.S. Examination, Dec. 2011

General & Dental Pharmacology

Therapeutics

BDS - 05 (New)

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 Non Steroidal Anti Inflammatory Drugs (NSAIDs). Discuss mechanism of action, uses, drug interactions and adverse effects of Aspirin. 14

P.T.O.

2. Discuss pharmacological treatment of : 5×2=10

- (i) Myasthenia gravis.
- (ii) Status epilepticus.

3. Write short notes on : 2.5×4=10

- (i) Prokinetic agents.
- (ii) Atropine.
- (iii) Symplics.

(iv) Selective Serotonin Reuptake Inhibitors
(S.S.R.I.)

Part - B

1. Discuss the pharmacological basis of : 4×4=16

- (i) Ondansetron in vomiting.
- (ii) Steroids in bronchial asthma.
- (iii) Probenecid is used with Penicillins.
- (iv) Timolol in Glaucoma.

2. Write uses and adverse effects of : 2.5×4=10

- (i) Chloroquine.
- (ii) Atorvastatin.
- (iii) Digoxin.
- (iv) Rifampicin

3. Write short notes on : 5×2=10

- (i) Signal transduction mechanism.
- (ii) Zero order kinetics of drug elimination.

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B.D.S.-II Prof.

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Roll No. 1096025

05139

B.D.S. Examination, Dec. 2011

General & Dental Pharmacology and

Therapeutics

BDS - 05

(Old Course)

Time: Three Hours / Maximum Marks : 50

Note : Attempt all questions in serial number.

Part - I

1. Briefly discuss : 4 each

(i) Lignocaine

(ii) Tolerance

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P.T.O.

2. Explain why :

2 each

- (i) Naloxone is used in morphine poisoning.
- (ii) Aspirin is better absorbed in acidic environment of the stomach.
- (iii) Combination of Sulfamethoxazole with trimethoprim exhibits supraditive synergism.
- (iv) Adrenaline is the drug of choice for anaphylactic shock.

3. Write short notes on :

3 each

- (i) Oral complications of cancer chemotherapy.
- (ii) Adverse effects of systemic corticosteroids.
- (iii) Antiemetics.

Part - II

1. Classify General Anaesthetic agents. Giving suitable examples discuss the importance of preanaesthetic medication.

4+4

2. Write drug treatment of :

2 each

- (i) Status asthmaticus

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(ii) Gingivitis

(iii) Paucibacillary Leprosy

(iv) Status epilepticus

3. Write short notes on :

3 each

(i) Benzodiazepines

(ii) Bleaching agents

(iii) Styptics.

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Roll No. 822822
B.D.S. II Prof.

05139

B.D.S. Supply Examination, 2011

**General & Dental Pharmacology and
Therapeutics**

**(BDS - 05)
(Old Course)**

Time : Three Hours / Maximum Marks : 50

Note : Attempt all questions.

Part - I

1. Classify analgesic drugs. Discuss the pharmacological effects, side effects and clinical uses of buprenorphine.

8

P.T.O.

2. Discuss the pharmacotherapy of following disease conditions :

9

(a) Grand mal epilepsy

3

(b) Septicaemic shock

3

(c) Heavy metal poisoning

3

3. Enumerate two clinical uses and two side effects for the following drugs :

8

(a) Clonidine

2

(b) Physostigmine

2

(c) Chloroquine

2

(d) Prednisolone

2

Part - II

4. Classify quinolones. Discuss the pharmacological effects, side effects and clinical uses of ciprofloxacin.

8

5. Write short notes on :

9

(a) Ondansetron

3

(b) Busulphan

3

(c) Partial agonist

3

6. Discuss the following :

8

(a) Astringents used in dental practice

2

(b) Pre-anaesthetic medication

2

(c) Styptics

2

(d) Vit. E

2