



A

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(20222)

Roll No.

B.D.S. - II Prof.

5139(N)

**B.D.S. Supply. & Main
Examination, Feb.-2022**

General & Dental Pharmacology

Therapeutics

[BDS-05 (N)]

Time : Three Hours]

[Maximum Marks : 70

Note : (i) **All** parts of questions & All questions are compulsory. Parts of a question should be attempted in a sequence. Draw diagrams wherever necessary.

(ii) Use separate answer books for Part-A & Part-B.

Part-A

1. Enumerate Imidazole antibiotics for anaerobic bacterial infections. Discuss the mechanism of action, therapeutic Indications & Adverse - effects of Metronidazole in detail. 10

2. Write short notes on : 5×3=15

(a) Redistribution of drugs (with examples)

(b) Styptics

(c) Rationale Drug Therapy

3. Discuss the pharmacotherapy of :

5×2=10

(a) Status - Asthmaticus

(b) Penicillin - Allergy

5139(N)/2

Part-B

1. Classify Anti-epileptic Drug. Discuss the mechanism of Action, Therapeutic Indications & Adverse - effects of Phenytoin. 10
2. Discuss the pharmacological basis for the use of : $5 \times 3 = 15$
 - (a) Metformin as Antidiabetic drug in Type-2 diabetics
 - (b) Losartan as Antihypertensive drug
 - (c) Dapsone as Antileprotic drug
3. Write short notes on :
 - (a) Prostaglandins $5 \times 2 = 10$
 - (b) EDTA

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(Printed Pages 3)

(20421)

Roll No.

B.D.S.-II Prof.

5139(N)

B.D.S. Supply. & Main

Examination, April - 2021

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

1. Classify NSAIDS. Discuss Mechanism of action, uses, adverse effects and contraindication of Aspirin. 10

P.T.O.

2. Discuss drug treatment of- $5 \times 2 = 10$
 - (a) Anaphylactic shock
 - (b) Status asthmaticus
3. Write short notes on- $5 \times 3 = 15$
 - (a) Lignocaine
 - (b) Heparin
 - (c) Dentrifrices

Part - B

1. Classify drugs used for treatment of Pepticulcer. Discuss mechanism of action, uses and adverse effects of proton pump inhibitors 10
2. Discuss the pharmacological basis for the use of- $5 \times 2 = 10$
 - (a) Sulphonyl urea in Type II Diabetes Mellitus
 - (b) ACE inhibitors in Hypertension

5139(N)/2

3. Write short notes on- $5 \times 3 = 15$

(a) Amoxicillin

(b) Sublingual route of drug administration

(c) Prodrug

5139(N)/3

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Printed Pages : 2
Roll No.

B.D.S.-II Prof.

5139(N)

**B.D.S. Supply. & Main Examination,
November-2019**

**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

1. Classify β -lactam antibiotics. Discuss mechanism of action, uses and adverse effects of Amoxycillin. 10
2. Discuss any treatment of 5×2=10
 - (a) Migraine
 - (b) Vomiting

5139(N)

[P.T.O.]

(2)

3. Write short notes on :

5×3=15

- (a) Metformin
- (b) Anlodipine
- (c) Ethamsylate

Part-B

1. Classify Antiepileptic drugs. Discuss the mechanism of action, uses and adverse effects of Phenytoin.

10

2. Discuss the pharmacological basis for the use of

5×2=10

- (a) Antacids in GERD
- (b) Diuretics in Hypertension

3. Write short notes on

5×3=15

- (a) Metronidazole
- (b) Antiseptics
- (c) Factors affecting absorption of drugs

5139(N)

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(21218)

B.D.S.-II Prof.

Printed Pages : 2

Roll No.



5139(N)

**B.D.S. Supply. & Main Examination,
November-2018**

**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 book for Part-A & B.*

Part-A

1. Classify antihypertensive agents. Discuss the mechanism of action, therapeutic uses, drug interactions and adverse effect of Enalapril. 15
2. Write short notes on : $5 \times 2 = 10$
 - (a) Dentifrices
 - (b) Plasma $t_{1/2}$ and its clinical significance.
3. Discuss drug treatment of : $5 \times 2 = 10$
 - (a) Status Epilepticus
 - (b) Oral Candidiasis

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Part-B

4. Discuss the pharmacological basis for the use of :

5×3=15

(a) Lignocaine (Lidocaine) as local anaesthetic agent

(b) Adrenaline in Anaphylactic shock

(c) Succinylcholine as muscle-Relaxants.

5. Describe briefly the therapeutic uses and adverse effects of :

2.5×4=10

(a) Corticosteroids

(b) Diazepam

(c) Cox-2 inhibitors

(d) NSAID

6. Write short notes on :

5×2=10

(a) Fluorides

(b) Proton Pump Inhibitors (PPIs)

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2. Write pharmacotherapy of: 5 × 2 = 10

(a) Acute MI

(b) Scurvy

3. Write short notes on: 5 × 3 = 15

(a) Fluorides

(b) Bioavailability

(c) Selective COX-II inhibitors

PART-B

1. Discuss the pharmacological basis for the use of: 5 × 3 = 15

(a) Adrenaline in anaphylactic shock

(b) ACE-inhibitors in hypertension

(c) Corticosteroids in bronchial asthma.

2. Describe briefly the therapeutic uses and adverse effects of: 5 × 2 = 10

(a) Phenytoin

(b) Lignocaine

3. Write short notes on: 5 × 2 = 10

(a) Omeprazole

(b) Vitamin K



N (Printed Pages 2)

(201117) Roll No.

B.D.S. II Prof.

5139(N)

B.D.S. Supply & Main Examination,

Nov-2017

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

1. Classify Penicillins. Discuss the mechanism of action therapeutic uses and adverse effects of AMOXYCILLIN. 10

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(21116)

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

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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 : $2.5 \times 4 = 10$

(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.

$5 \times 2 = 10$

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

Part-B

1. Discuss the rationale of using : $4 \times 4 = 16$

(i) Sulfamethoxazole with Trimethoprim

(ii) ACE inhibitors with thiazides

(iii) Paracetamol with Ibuprofen

(iv) Beta-2 agonists with Methylxanthines

5139(N)12

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

- (i) BAL
- (ii) Disclosing agents
- (iii) Side effects of tetracyclines
- (iv) Metoclopramide

3. Describe the following : $4.5 \times 2 = 9$

- (i) Corticosteroids
- (ii) Organic Nitrates

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)

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) ~~Amomyallin 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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(20315)

Roll No.

B.D.S. II Prof.

5139(N)

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

General & Dental Pharmacology

Therapeutics

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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Roll No.

B.D.S. II Prof.

5139 (N)

B.D.S. Supply & Main Examination,

Oct. 2014

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 nonsteroidal Antiinflammatory drugs. Discuss the mechanism of action, therapeu-

P.T.O.

tic uses, drug interactions and adverse-effects of **Aspirin**. 15

2. Write short-notes on : 5×2=10

(a) Kinetics of Elimination

(b) Mummifying agents

3. Discuss drug treatment of : 5×2=10

(a) Anaphylactic shock

(b) Acute Myocardial Infarction

PART - B

4. Discuss the Pharmacological basis for the use of : 5×3=15

(a) Corticosteroids in Bronchial Asthma.

(b) Atropine in organophosphate Poisoning.

(c) Amoxycillin with clavulanic acid

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

(a) Ciprofloxacin

(b) Phenytoin

(c) Furosenide

(d) Propranolol

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

(a) Obtundents

(b) Lignocaine (Lidocaine)

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Roll No.

B.D.S. II Prof.

5139(N)

**B.D.S. Supply & Main Examination,
Feb. 2014**

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.

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Part-A

1. Classify fluoroquinolones. Discuss the mechanism of action, therapeutic uses, drug interactions and adverse effects of CIPROFLOXACIN. 15
2. Discuss drug treatment of : $5 \times 2 = 10$
 - (a) Organophosphate poisoning
 - (b) Oral candidiasis
3. Write short notes on : $2.5 \times 4 = 10$
 - (a) Styptics
 - (b) Microsomal enzyme induction
 - (c) Vitamin-C
 - (d) Succinylcholine

Part-B

1. Discuss the pharmacological basis for the use of : $5 \times 3 = 15$
 - (a) Omeprazole in peptic ulcer
 - (b) Adrenaline with lignocaine
 - (c) Levodopa with carbidopa

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

- (a) Phenytoin
- (b) Corticosteroids
- (c) Aspirin
- (d) Atropine

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

- (a) ACE-inhibitors
- (b) Second generation antihistaminics

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5139(N)**B. D. S. (Main & Supply.) Examination, Sept. 2013****General & Dental Pharmacology Therapeutics****(BDS-05)***Time : Three Hours]**[Maximum Marks : 70*

Note : Attempt *all* questions. Parts of a question should be attempted in sequence. Draw diagrams wherever necessary. Use separate copy for Part-I and Part-II.

Part-I

1. Classify beta-adrenergic antagonists. Discuss mechanism of action, uses, drug interactions and adverse affects of popranolol. 14
2. Discuss drug treatment of the following: 5×2=10
 - (a) Myocardial infarction
 - (b) Status asthmaticus.

(2)

3. Write short notes on the following : $2\frac{1}{2} \times 4 = 10$
- (a) Proton pump inhibitors
 - (b) Astringents
 - (c) ACE inhibitors
 - (d) Potassium sparing diuretics

Part-II

[Marks :36

1. Discuss the pharmacological basis of the use of the following : $4 \times 4 = 16$
- (a) Lignocaine with adrenaline
 - (b) Salbutamol in bronchial asthma
 - (c) Pyridoxine with isoniazid
 - (d) BAL in arsenic poisoning
2. Write uses and adverse effects of the following : $2\frac{1}{2} \times 4 = 10$
- (a) Lignocaine
 - (b) Atropine
 - (c) Chloroquine
 - (d) Sulphonylureas
3. Write short notes on the following : $5 \times 2 = 10$
- (a) Drug tolerance
 - (b) Drug-receptor antagonism.

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DS Dental College & Research Centre
47, Knowledge Park, Gurgaon, Haryana

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(Printed Pages 3)

(20313)

Roll No. 6091035

B.D.S. II Prof.

5139 (N)

B.D.S. Supply & Main Examination,

March-2013

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.

P.T.O.

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PART - A

1. Classify penicillins. Discuss their mechanism of action, uses, drug interactions & adverse effects. 15
2. Discuss drug treatment of : $5 \times 2 = 10$
- (a) Oral thrush ✓
 - (b) Anaphylactic shock ✓
3. Write short notes on : $2.5 \times 4 = 10$
- (a) Omeprazole ✓
 - (b) Dentrifices ✓
 - (c) Losartan ✓
 - (d) H_1 antagonists ✓

PART - B

1. Discuss the pharmacological basis of the use of : $4 \times 3.75 = 15$
- (a) Steroids in bronchial asthma ✓
 - (b) Metoclopramide as prokinetic agent ✓
 - (c) Glybenclamide in type II diabetes mellitus ✓
 - (d) Pilocarpine in glaucoma ✓

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2. Write uses & adverse effects of :

2.5×4=20

- (a) Metronidazole ✓
- (b) Furosemide ✓
- (c) Atropine ✓
- (d) Morphine ✓

3. Write short notes on :

5×2 = 10

- (a) Mummifying agents ✓
- (b) Sub-lingual route of drug administration

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Roll No.

B. D. S. II Prof.

5139(N)

B. D. S. Examination, August 2012

General & Dental Pharmacology Therapeutics

[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 sulfonamides and describe their mechanism of action, side effects and therapeutic uses. Discuss the rationale of combination of sulfamethoxazole and trimethoprim. 15
2. Describe the following : 5×2=10
 - (i) Loop diuretics
 - (ii) Proton pump inhibitors

(2)

3. Write short notes on the following: $2\frac{1}{2} \times 4 = 10$
- (i) Streptokinase
 - (ii) ~~Obtundents~~
 - (iii) ~~Zidovudine~~
 - (iv) Dapsone.

Part-B

4. ✓ Classify non-steroidal, anti-inflammatory drugs. Discuss the mechanism, pharmacological actions, side effects and uses of aspirin. 15

5. Write short notes on the following: $2\frac{1}{2} \times 4 = 10$
- (i) ~~Vitamin D~~
 - (ii) ~~Tolerance~~
 - (iii) ~~First pass metabolism~~
 - (iv) ~~Ketamine~~

6. Describe the following: $5 \times 2 = 10$
- (i) ~~Oral hypoglycaemic agents~~
 - (ii) ~~Beta blockers~~

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(Printed Pages 3)

Roll No.

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

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✓
Classify antihypertensives
Draw the
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. 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) amoxicillin with clavulanic acid

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- ✓
- (b) aspirin in myocardial infarction
 - (c) multidrug treatment in tuberculosis
 - (d) levodopa with carbidopa.

2. Write uses and adverse effects of : (2.5×4)

- (a) Morphine
- (b) Sulfonylureas
- (c) Fluoroquinolones
- (d) Calcium channel blockers

3. Discuss in brief : 5×2

- (a) Furosemide
- (b) Second generation antihistaminics

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(Printed Pages 3)

(21110)

Roll No.

B.D.S. II Prof.

05139

B.D.S. Examination, Nov. 2010

General & Dental Pharmacology and

Therapeutics

(BDS - 05)

(Old)

Time : Three Hours] [Maximum Marks : 50

**Note : Attempt all questions. Use separate copy for part
A & part-B.**

Part - A

1. Enumerate different routes of drug administration.

P.T.O.

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Discuss briefly the advantages and disadvantages of parenteral route of administration. 8

2. Write short notes on : 4×2=8

(a) Antioxidant Vitamins

(b) Plasma half life of drugs.

3. Discuss the drug treatment of the following conditions:

3 × 3 = 9

(a) Acute attack of bronchial Asthma

(b) Bleeding gums

(c) Nonspecific diarrhoea

Part - B

4. Enumerate Macrolides. Write the therapeutic uses, important drug interactions & side effects of Arithromycin. 8

5. Write short notes on :

(a) Antiseptics in dental practice 4

(b) Ketamine 4

6. Discuss the following : 3×3=9

(a) Adverse Drug Reactions

(b) Therapeutic Srotus of clanthromycin in Peptic ulcer.

(c) Insulin Therapy

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B.D.S. II Prof.

(Printed Pages 3)

Roll No. 6098083

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5139

B.D.S. Examination, July 2010

General & Dental Pharmacology &

Therapeutics

(BDS-05)

Time : Three Hours

[Maximum Marks : 50

Note : Attempt all questions. Use separate copy for Part-I & Part-II in separate answer books.

Part-I

1. Discuss in detail the factors modifying drug actions.

8

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* *

2. Discuss the following in detail :

4×2=8

(a) Local anaesthetic agents

(b) Anti tubercular drugs

3. Write short notes on any three of the following :

3×3=9

(a) Phenytoin

(b) Diazepam

(c) Adrenaline

(d) Furosemide

Anti Adrenergic

Diuretic

Part-II

4. Classify Non-steroidal anti-inflammatory drugs.

Discuss in detail the mechanism of drug action, adverse drug reactions, important drug interactions, contraindications and uses of aspirine.

8

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OR

Classify antianginal drugs. Discuss in detail the mechanism of action, adverse drug reactions and uses of Nitrates.

5. Write short notes on **any three** of the following : 9

(a) ~~Astringents~~

(b) ~~Dentifrices~~

(c) ~~Heparin~~ *Anti-Coagulant*

(d) ~~Organophosphorous Poisoning~~

6. Discuss **any two** of the following : 8

(a) ~~Anaphylactic Shock~~

(b) ~~Organophosphorous Poisoning~~

(c) ~~Myasthenia gravis~~

Anticholinergic

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(2129)
BDS II Prof.

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Roll No.
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B. D. S. Examination, 2009

General & Dental Pharmacology & Therapeutics

✓ Paper-II ✓

(BDS-05)

Time : Three Hours]

[Maximum Marks : 50

Note : Attempt all questions. Questions of each Section (A & B) must be answered in separate answer-books.

Section-A

1. ✓ Classify Local Anaesthetics. Discuss the clinical uses and techniques of administration of Local Anaesthetics. 8
2. Briefly describe drug treatment of any three of the following : 3×3=9
 - (a) ✓ Atropine Poisoning
 - (b) ✓ Peptic Ulcer
 - (c) ✓ Gingivitis
 - (d) ✓ Megaloblastic Anaemias.

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3. Discuss the following : $4 \times 2 = 8$
- (a) ACE Inhibitors ✓
 - (b) Corticosteroides. ✓

Section-B

4. Classify Non-steroidal Anti-inflammatory Drugs. Discuss in brief the indications and adverse effects of Aspirin. 8
- Codonyl Morphine*

5. Briefly discuss the following : $4 \times 2 = 8$
- (a) Drug-drug interaction with suitable examples ✓
 - (b) Furosemide. ✓

6. Write short notes on any three of the following :

- (a) Cotrimoxazole ✓
 - (b) Obtundents ✓ *Celecoxib*
 - (c) Tolerance ✓
 - (d) Levodopa. ✓ *Sohab Ansari*
- $3 \times 3 = 9$

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ITS Dental College Hospital & Research Centre
47, Knowledge Park, Sector 10, Gurgaon, Haryana

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(2059)

Roll No.....

B.D.S. II Prof.

5139

B.D.S. Examination, May 2009

General & Dental Pharmacology and Therapeutics

(BDS-05)

Time : Three Hours}

{Maximum Marks : 50

Note: Attempt all questions.

PART - I

1. ✓ Write mechanism of action, therapeutic uses and adverse effects of non-steroidal anti inflammatory drugs (NSAIDs). 8
2. Discuss the following : 8
 - (a) ✓ Advantages and disadvantages of oral route of drug administrations.
 - (b) ✓ Adverse drug reactions.
3. Write drug treatment of any three :
 - (a) ✓ Gingivitis
 - (b) ✓ Type I Diabetes mellitus
 - (c) ✓ Anaphylactic shock
 - (b) ✓ Oral Candidiasis

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PART - II

4. Write briefly about mechanism of action, therapeutic uses and adverse reactions of aminoglycosides. 8
5. Discuss indications and contra-indications of the following: 8
 - (a) β -brocker
 - (b) Tricyclic antidepressants
6. Write short notes on **any three**: 9
 - (a) Antiseptics
 - (b) Styptics
 - (c) Vit-B
 - (b) Prokinetic antiemetic

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Roll No.

B. D. S. II Prof.

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B. D. S. Examination, Dec. 2008

Paper-V

General & Dental Pharmacology and Therapeutics

(BDS-05)

Time : Three Hours]

[Maximum Marks : 50

Note : Attempt all questions. Use separate copy for Part A and Part B.

Part-A

1. ✓ Enumerate anti Inflammatory drugs. Write the mechanism of action, therapeutic uses and adverse effects of Ibu profane. 8

2. Write short notes on : 4×2=8

(a) ✓ Pro kinetu Agents

(b) ✓ Obtudents.

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3. Discuss the drug treatment of: 3+3=9
- (a) Ulcerative gingivitis
 - (b) Oral Candidiasis
 - (c) Acute attack of angina Pectoris.

Part-B

4. Enumerate Penicillin anti microbials. Discuss the antibacterial Spectrum, Uses precaution & adverse effects of extended spectrum penicillin. 8
5. Write short notes on: 4×2=8
- (a) Chloroquine
 - (b) Multi drug therapy in Tuberculosis.
6. Discuss briefly the therapeutic uses and common adverse effects of: 3×3=9
- (a) Diaspam *Diazepam*
 - (b) Adrenaline
 - (c) Salbutamol.

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B.D.S. Examination, May- 2007
GENERAL & DENTAL PHARMACOLOGY
AND THERAPEUTICS
(BDS-05)

Time : Three Hours] [Maximum Marks : 50

Note : Attempt all questions. Use separate copy for part -I
& part -II.

Part- A

- Q.1 Classify antihypertensive agents. Discuss uses, Adverse Effects and contraindications of ale-Inhibitors. 8
- Q.2 Write uses and adverse effects of the following :- 8
- (a) Glucocorticoids.
 - (b) Propranolol



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Q.3 Explain the Rationale Combination of the following:

- (a) Adrenaline with xylocain
- (b) Levodopa with carbidopa
- (c) Sulphamethoxazole with trime thoprim

3

PART-B

Q.4 Classify antibiotics on the basis of mechanism of action. Discuss uses and adverse effects of Ciprofloxacin.

Q.5 Write short notes on :-

4x3

- (a) Astringent
- (b) Styptics (Local Haemostatics)

Q.6 Write difference between :-

3x3=9

- (a) Sulfonyl urea and biguanides
- (b) Physical dependence and psychological dependence
- (c) Competitive and non competitive antagonists

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Roll No.

B.D.S. II Prof.

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B.D.S. Examination, April - 2006
GENERAL & DENTAL PHARMACOLOGY AND
THERAPEUTICS
(BDS-05)



Time : Three Hours]

[Maximum Marks : 50

Note : Attempt all questions in serial number.

Part-I

1. Classify Glucocorticoids. Write the therapeutic indications, adverse effects and contraindication. 8

2. Comment on the following combinations : 9
 - (a) Adrenaline and Lignocaine
 - (b) Isoniazid and Pyridoxin
 - (c) Sulfamethoxazole and Trimethoprim

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3/ Write short notes on the following :

8

- (a) Metronidazole
- (b) Dental caries

Part-II

4. ✓ Classify NSAIDS. Write their therapeutic uses and adverse effects.

8

5/ Write drug treatment of any **three** of the following :

9

- (a) Diabetic Coma
- (b) Myocardial Infarction
- (c) Anaphylactic Shock
- (d) H. Pyroli Infection.

6. Write short notes on the following :

8

- (a) Prolongation of Drug Action
- (b) Bioavailability.

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B.D.S. Examination, Nov. 2006
GENERAL & DENTAL PHARMACOLOGY
AND THERAPEUTICS

(BDS-05)

Time : Three Hours] [Maximum Marks : 50

Note : Attempt all questions. Use separate copy for
Part-I & Part-II.

PART-I

Q.1. Classify Anti-diabetic drugs. Discuss the
pharmacological effects, dosage forms and side effects
of insulin therapy. 8

Q.2. Discuss the rationale for use of : 8 (2 x 4)

(a) Low dose aspirin therapy in acute myocardial
infarction.

(b) Triple drug therapy for pulmonary tuberculosis.

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- (c) ✓ Thioride diuretics for therapy of essential hypertension.
- (d) ✓ Rofecoxib as anti inflammatory drug.

Q.3: Write short notes on :-

9

- (a) ✓ Atropine
- (b) ✓ B₁ - selective adrenoceptor blockers.
- (c) ✓ Metronidazole

PART-II

Q.4. Classify anti-fungal drugs. Discuss the pharmacological effects, side effects and uses of itraconazole. 8

Q.5. Write short notes on :

9 (3 x 3)

- (a) ✓ Adverse drug reactions
- (b) ✓ Topical anaesthesia
- (c) ✓ Skeletal muscle relaxants

Q.6. Discuss the following :

8 (2 x 4)

- (a) ✓ Mummifying agents
- (b) ✓ Mouth washes
- (c) ✓ Bleaching agents
- (d) ✓ Antiseptics

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Roll No. 9883067

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BDS II Prof.

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B. D. S. Examination, March 2005
General & Dental Pharmacology & Therapeutics

Paper II

(BDS-05)

Time : Three Hours] [Maximum Marks : 50

Note : Attempt all questions.

1. Classify drugs used in the treatment of diabetes mellitus. Describe the mechanism of action and adverse reactions of sulphonylureas.
2. Describe the pharmacological basis of therapeutic use of : Mech / Cal.
 - (a) Non-steroidal anti-inflammatory drugs
 - (b) Local anaesthetic agents.

(2)

3. Write notes on any three of the following :

- (a) Drug-Drug interaction *Alkylating agents, Heart brn.*
- (b) Fluroquinolones *Ciprofloxacin, Levofloxacin*
- (c) Metronidazole *Oral, IV, Topical*
- (d) Astringents *Aluminum chloride, Potassium permanganate, Zinc sulfate, Boric acid, Hydrogen peroxide, Iodine, Silver nitrate, Tannic acid, Urea, Tartr*

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Roll No. 2242211

BDS II Prof.

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B. D. S. Examination, April 2003

GENERAL & DENTAL PHARMACOLOGY AND
THERAPEUTICS

Paper II

(BDS-05)

Time : Three Hours]

[Maximum Marks : 50

Note : Attempt all questions.

Part I

1. Discuss the following :

4x2=8

(a) Factors modifying drug response

(b) Drug-drug interactions with suitable examples.

2. Classify anticoagulants. Describe mechanism of action, therapeutic uses and adverse effects of warfarin sodium.

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(2)

3. Discuss drug treatment of any three of the following :

3x3=9

(a) Gingivitis

(b) Anaphylactic shock

(c) Peptic ulcer *

Non-insulin dependent diabetes mellitus (NIDDM). *

Part II

4. Discuss in brief the following :

4x2=8

(a) First line antitubercular drugs *

(b) Co-trimoxazole. *

5. Classify analgesic antiinflammatory agents.

Write therapeutic uses and adverse effects of

Ibuprofen.

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(3)

6. Write notes on any three of the following :

(a) Obtudents

(b) Xylocaine

(c) Styptics *

(d) Furosemide *

3x3=

11

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Roll No.

BDS II Prof.

5139

B. D. S. Examination, June 2001

GENERAL & DENTAL PHARMACOLOGY AND
THERAPEUTICS

Paper II

(BDS-05)

Time : Three Hours]

[Maximum Marks :

Note : Attempt all questions.

Part I

1. Discuss the following :

- (a) Mechanisms of action of drugs
- (b) Utility of Pharmacokinetic studies v
suitable example.

2. Classify coagulants. Discuss mechanism of action
therapeutic uses and toxic effects of Vit. K

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3. Discuss drug treatment of any three of the following:
- (a) Hypovolumic shock ✓
 - (b) Diabetic ketoacidosis
 - (c) Bronchial asthma
 - (d) Mouth ulcers. *if there ulcers* 9

Part II

4. Discuss antimicrobial therapy, adverse effects and therapeutic uses of Ceftriaxone and Ciprofloxacin. ★ 8
5. (a) How will you prolong the duration of action, (with mechanism of action) of local anaesthetic drugs?
- (b) Indication, preparations and adverse effects of antifungal drugs. 8
6. Write short notes on any three of the following
- (a) Vit. D ★

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- (c) Antieptic agents
- (d) Mummifying agents.

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ADR - ADH BIK

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B. D. S. Examination, May 2000

General & Dental Pharmacology & Therapeutics

Paper II

(BDS-05)

Time: Three Hours

Maximum Marks: 50

9

Note: Attempt all questions.

Part I

1. Discuss various factors that can modify the response of drugs.

2. Enumerate the uses of the following:

(a) Fluoroquinolones

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mechanism of action and enumerate the important side effects of the following :

- (a) ~~Amoxicillin~~ ~~Penicillin~~
- (b) ~~Digitalis~~
- (c) ~~Ranitidine~~

Part II

- (a) Mention the drugs used for amoebiasis.
- (b) Mention the drugs used for Malaria.

Mention briefly the following :

- (a) Antiseptics used in dental practice
- (b) Bleaching agents *Hydrogen Peroxide, Peroxyacetic Acid*
- (c) Drugs for oral candidiasis *Fluconazole, Nystatin*

- (a) ~~Xylocain~~
- (b) Mouth washes
- (c) ~~Vit. C~~
- (d) Heavy metal antagonists.

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Roll No. 64

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B. D. S. Examination, May 1999

Paper II

GENERAL AND DENTAL PHARMACOLOGY

(BDS-05)

Time : Three hours

[Maximum Marks : 50]

Note : Attempt all questions.

PART - I

- Giving suitable examples discuss the factors modifying drug responses. 8
- Enumerate the therapeutic effects and side effects of the following drugs :
 - (a) Chlorpromazine - Antipsychotic, Phenothiazines
 - (b) Propranolol
 - (c) Chloroquin
 - (d) Ampicillin



Ampicillin - GUM BTC RS
 ADR - Diarrhoea, rash in AIDS

Chloroquin - MER PDLI
 ADR - Nausea, vomiting, chills, fever, anaemia

On part with administration - hypotension, arrhythmia, cardiac depression, CNS depression, loss of consciousness, blurred vision, dizziness, headache.

(2)

3. Give the management of:

(a) Anaphylactic shock

(b) Oral candidiasis

(c) Acute gastritis.

9

4. Enumerate the drugs required for the treatment of:

(a) Massive bleeding from gums

(b) Diabetes mellitus

(c) Hypertension

(d) Pulmonary tuberculosis.

5. Discuss the role of the following in health:

(a) Vit. C

(b) Vit. E

(c) Vit. A

(d) Folic acid.

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