

February 2011

[KY 705]

Sub. Code : 4172

SECOND B.D.S. DEGREE EXAMINATION.

(Regulations for the candidates admitted from 2008–2009 onwards)

**Paper II — GENERAL AND DENTAL PHARMACOLOGY AND
THERAPEUTICS**

Q.P. Code : 544172

Time : Three hours

Maximum : 70 marks

Answer **ALL** questions.

I. Essays:

(2 x 15 = 30)

1. Classify the drugs used for the treatment of Bronchial asthma. Discuss in detail about the mechanism of actions, adverse drug effects and interaction of Theophylline. Add a note of inhalational steroids.
2. Write the Pharmacological basis of
 - (a) Cholinesterase reactivators in Organophosphorus poisoning
 - (b) Metclopamide in the treatment of vomiting
 - (c) Lignacaine and adrenaline combination in dental practice.

II. Write short notes on :

(6 x 5 = 30)

1. Ketorolac
2. Second generation antihistamines
3. Sulfonyl ureas
4. Microsomal enzyme induction
5. Synthetic atropine substitutes
6. Pre anaesthetic medication.

III. Short answers questions :

(5 x 2 = 10)

1. Prophylaxis of Migraine
2. Therapeutic index
3. Four examples for dentrifices
4. Four examples for local haemostatics
5. Post antibiotic effect.

August 2011

[KZ 705]

Sub. Code : 4172

SECOND B.D.S. DEGREE EXAMINATION

GENERAL DENTAL PHARMACOLOGY AND THERAPEUTICS

Q. P. Code : 544172

Time : Three hours

Maximum: 100 Marks

Answer **ALL** questions

I. Essay Questions:

(2 x 20 = 40)

1. Classify local anesthetics. Describe the mechanism of action, various routes of administration (with suitable illustrations) and uses of Lignocaine. Write how the action of Lignocaine can be prolonged. Add a note on the differences between Lignocaine and Cocaine.
2. Enumerate the drugs used in peptic ulcer. Write the mechanism of action with suitable diagram, uses, interactions and adverse effects of Proton pump inhibitors. Add a list of drugs used in dental practice which can induce peptic ulcer and the agents that protect gastric mucosa.

II. Write Short notes on :

(10 x 6 = 60)

Write the actions, uses and adverse effects of the following:

1. Co trimoxazole.
2. Atenolol.
3. Levocetirizine.
4. Furosemide.
5. Succinyl choline.
6. Domperidone.
7. Zidovudine.
8. Clopidogrel.
9. Ciprofloxacin.
10. Chloroquine.

February 2012

[LA 657]

Sub. Code: 4172

SECOND B.D.S. DEGREE EXAMINATION
PAPER II – GENERAL DENTAL PHARMACOLOGY AND
THERAPEUTICS

Q.P.Code: 544172

Time: Three hours

Maximum: 70 Marks

Answer ALL questions in the same order
Draw Suitable diagrams wherever necessary

I. Elaborate on: (2X10=20)

1. Enumerate the drugs used in insomnia. Describe the mechanism of action, uses adverse effects and Interactions of Benzodiazepines. Add a note on drugs used in benzodiazepine poisoning.
2. Enumerate the drugs used in different types of shock. Write in detail the reasons for using them and how the various drugs are used in Anaphylactic and Cardiogenic shock.

II. Write notes on: (10×5=50)

1. Factors modifying drug action
2. Amlodipine
3. Phenytoin
4. Coagulants
5. Rifampicin
6. List of emergency drugs in dentistry
7. Antiseptics
8. Human insulins
9. Calcium preparations
10. Methotrexate

[LB 657]

AUGUST 2012

Sub. Code: 4172

**SECOND YEAR B.D.S. DEGREE EXAM
PAPER II – GENERAL DENTAL PHARMACOLOGY
AND THERAPETUTICS**

Q.P.Code: 544172

Time: 180 Minutes

Maximum: 100 Marks

Answer ALL questions in the same order

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

- | | | | |
|---|----|----|----|
| 1. Define adverse drug reaction. Mention the various adverse drug reactions with examples. Explain the treatment of poisoning. | 19 | 30 | 20 |
| 2. Classify NSAIDS. Discuss the mechanism of action, uses, and adverse effects of acetyl salicylic acid. Write brief note on the prevention of gastritis due to aspirin like drugs. | 19 | 30 | 20 |

II. Write Notes on:

- | | | | |
|--------------------------------------|---|----|---|
| 1. Biotransformation. | 3 | 10 | 5 |
| 2. Furosemide. | 3 | 10 | 5 |
| 3. Protonpump inhibitors. | 3 | 10 | 5 |
| 4. Methotrexate. | 3 | 10 | 5 |
| 5. Xylocaine. | 3 | 10 | 5 |
| 6. Fluconazole. | 3 | 10 | 5 |
| 7. Antiemetics. | 3 | 10 | 5 |
| 8. Ciprofloxacin. | 3 | 10 | 5 |
| 9. Salbutamol. | 3 | 10 | 5 |
| 10. Opioid antagonist. | 3 | 10 | 5 |
| 11. Biological half life. | 3 | 10 | 5 |
| 12. Treatment of status epilepticus. | 3 | 10 | 5 |

[LD 657]

AUGUST 2013

Sub. Code: 4172

**SECOND YEAR B.D.S. DEGREE EXAM
PAPER II – GENERAL DENTAL PHARMACOLOGY
AND THERAPETUTICS**

Q.P.Code: 544172

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on:

(2x10=20)

1. Classify NSAIDS. Write the mechanism of action, uses and adverse effects of Ibuprofen.
2. Discuss in detail about the various route of administration with suitable examples.

II. Write Notes on:

(10x5=50)

1. Dopamine
2. Omeprazole
3. List any 4 techniques used in local anaesthesia.
4. Cefuroxime
5. Antioxidant Vitamins
6. Ramipril
7. Ketamine
8. Furosemide
9. Codeine
10. Obtundents.
