

(95)

ITS Dental College, Hospital and Research Centre
Greater NOIDA

2nd Year BDS – 2008 Batch

1st Internal Assessment Examination (Theory)

33

Subject: Pharmacology

Date: 20.02.2010

Time: 3 Hours

Max. Marks: 50

Note:

1. Attempt all questions.
2. Answer Part A and Part B in separate answer sheets.

Part A

Q1. Define pharmacodynamics, what are factors that influence drug response. - 8

Q2. Write differences between: - 4 X 2 = 8

- (a) ✓ Affinity and intrinsic activity.
- (b) ✓ Competitive antagonist and irreversible antagonist.

Q3. Write short notes on: - 3 X 3 = 9

- (a) Microsomal enzyme induction.
- (b) ✓ Succinylcholine. *depolarising skeletal muscle relaxant, Anaesthetic drug, metabolized via cholinesterase.*
- (c) ✓ Atropine.

Part B

Q4. Enumerate drugs used in acute attack of asthma. Give mechanism of action, route of administration and adverse effects of salbutamol. *Salmeterol, adrenaline, doxamine- bronchodilators* 8

Q5. Give therapeutic uses of: - 3 X 3 = 9

- (a) Cetirizine.
- (b) Hydrocortisone.
- (c) ✓ Adrenaline.

Q6. Write short notes on: - 4 X 2 = 8

- (a) ✓ Nitrous Oxide.
- (b) ✓ Glimipride. *diabetic drug*

LIBRARY

ITS Dental College Hospital and Research Centre
47, Kirti Vihar, Greater Noida

I.T.S Dental College, Hospital & Research Centre

47, Knowledge Park-III, Greater Noida

IInd yr. B.D.S (2008 Odd Batch)

1st Internal Assessment Examination-Theory

Department of Pharmacology

Part A

Dated: 28.12.2010

Time: 3 hours

~~I.T.S. Dental College, Hospital & Research Centre~~
47, Knowledge Park-III, Greater Noida

Max Marks - (50)

Note:

All the questions are compulsory, use separate sheet for Part A & Part B
Draw diagrams wherever necessary

Q1. Explain:-

a) Name of adrenergic drugs, its action

Describe (i) Receptors (Adrenergic)

(ii) Blocker (Adrenergic)

b) Name of Cholinergic drugs

Describe (i) Receptors (Cholinergic)

(ii) Blocker (Cholinergic)

Q2. Describe following drugs:-

a) Tetracycline -

b) Jarisch - Herxheimer reaction

c) Erythromycin

d) Cephalosporin

Part B

Q3. Describe:-

i) Define Pharmacokinetics in detail

ii) Merits and Demerits of different routes of drug administration.

Q4. Explain:-

i) Give details about corticosteroid, action and side effects

ii) Thyroid Hormones

iii) Autocoids

Q5. Short Notes:-

i) Fat soluble vitamins

ii) Bronchodilators

iii) Antidiabetic drugs

iv) Haematinics (Iron + Folic Acid)

I.T.S Dental College, Hospital & Research Centre

47, Knowledge Park-III, Greater Noida

IInd yr. B.D.S (2010 Batch)

IInd Internal Assessment Examination-Theory

Department of Pharmacology

Part A

Dated: 03.05.2010

Time: 3 hours

Max Marks - (50)

Note:

All the questions are compulsory
Draw diagrams wherever necessary

Q1. Discuss the factors that modify the drug action. Enumerate the antimicrobials needing dose reduction in renal failure.

(9)

Q2. Write short notes on:-

(4x4=16)

- a) First pass metabolism
- b) Bioavailability
- c) Propranolol
- d) Physostigmine

Part B

Q1. Discuss the various agents used in treatment of Peptic ulcer.

(9)

Q2. Write short notes on:-

(4x4=16)

- a) Prokinetic drugs
- b) Mechanism by which NSAIDs causes ulcer in G.I.T
- c) Beta lactamase inhibitors
- d) Cotrimoxazole

N

ITS DENTAL COLLEGE, HOSPITAL & RESEARCH INSTITUTE, GREATER NOIDA

31

2nd Year BDS – Odd Batch
3rd Internal assessment Examination (Theory)

Subject: Pharmacology
Time: 3 hours

Date: 17.5.2010
Max. Marks: 50

Note:

1. Attempt all questions.
2. Answer Part A and Part B in separate answer sheets.

PART A

- Q1. Enumerate local anesthetics; describe the techniques of administration and adverse drug reaction to lignocaine. - 8
- Q2. Write short notes on: - 9
- (a) Phenytoin.
 - (b) Ciprofloxacin.
 - (c) Thiopentone sodium.
- Q3. Briefly discuss drug treatment of the following: - 8
- (a) Organophosphorus compound poisoning.
 - (b) Anaphylactic shock.

PART B

- Q4. Classify H₁ antagmists. Give therapeutic uses and adverse effects of Chlorpheniramine. - 8
- Q5. Write short notes on: - 9
- (a) Metformin.
 - (b) Amoxicillin.
 - (c) Dentifrices.
- Q6. Briefly discuss: - 8
- (a) Adverse drug reactions.
 - (b) Proton pump inhibitors.

LIBRARY

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

N