

.I.T.S DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE

47, Knowledge Park-III, Greater Noida

BDS 2nd year (2010 Reg. Batch)

Final Internal Assessment Examination

Subject: Pharmacology

92

- Attempt all questions
- Use separate sheet for Part A & Part B
- Draw neat and well labelled diagram wherever required

26.12.2012
Time: 3 hrs
M.M. – [70]

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PART - A

- Q. 1 Describe classification of Antihypertensive drugs. [12]
- Q. 2 Write short notes on: 4X3=[12]
- a) Prodrug
 - b) PK PD ADR
 - c) Bioavailability
 - d) Xylocaine
- Q. 3 Describe Antibiotics mechanism of Action and ADR of Important Antibiotics. [12]

PART -- B

- Q. 4 Classification of Analgesics. What is opoid analgesics? [12]
- Q. 5 Write short notes on: 4X3=[12]
- a) Concious sedation
 - b) ATT (Anti Tuberculosis Drugs)
 - c) Treatment of MI & CHF
 - d) Treatment of Biomechanical Asthma

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Q. 6 (A) What is Receptors:

- i) Ligend
- ii) Netromatamical structure
- iii) Chemical gates
- iv) Channels

(B) Phenyttain

- i) Antibiotics
- ii) Anti Epileptics drug
- iii) Antiamylic drugs
- iv) Both 2 and 3

(C) Atropin

- i) β blocker
- ii) Cholonerbic bloker
- iii) Antibiotics
- iv) Analgesics

(D) α Methyldope

- i) Anti Hypertension drugs
- ii) α Bloker
- iii) Cholinergic bloker
- iv) Anti Epileptics

(E) Carbapenem

- i) Antibiotics
- ii) Antihypertensive drugs
- iii) Antiepilepsy
- iv) Anti thyroid drugs

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47, Knowledge Park-III, Greater Noida

B.D.S 2nd year – Odd Batch
Second Internal Assessment
Subject: Pharmacology

1. Attempt all questions.
2. Draw neat, well labelled diagrams wherever necessary.
3. Use separate sheet for Part-A & part-B.

23.03.2012
Time: 3.0 hrs.

PART-A

M.M: (70)

- Q. 1 Define -
1. PK & Receptor
 2. PD & Toxicity
 3. ADR & Drug Modifying Factor
 4. Half life & Bioavailability

[15]

- Q. 2 Give details -

- a) B-Blocker
- b) Calcium channel Blocker
- c) ACE Inhibitor
- d) Digitals

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[15]

- Q. 3 Write notes on:

- a) Treatment of CHF
- b) Treatment of MI
- c) Drug used in Arrhythmia
- d) Local Anaesthetic drugs

[15]

- Q. 4 Write short notes on-

- a) Penicillin
- b) ADR of Sulphonamides
- c) Tetracyclin
- d) Antianginal drugs

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[15]

MCQ's [2X5=10]

1. SJ Syndrome
 - i ADR of Sulphonamide
 - ii ADR of Penicillin
 - iii Cardiac Syndrome
 - iv Chlormphical ADR
2. Griseofulvin is
 - i Antibiotics
 - ii Antiviral
 - iii Antifungal
 - iv Immuno stimulant
3. Rifempicin
 - i Antibiotics
 - ii Anti tubercular
 - iii Used in memingocemia
 - iv All
4. Pharmocovigilance
 - i Ist ADR Reporting System
 - ii Drug ADR Monitoring
 - iii Early assessment of ADR
 - iv All
5. 5 – Flugocil
 - i Anticancer drug
 - li Anti biotics
 - iii Anti viral
 - iv Anti fungal

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47, Knowledge Park-III, Greater Noida

BDS 2nd year (Odd Batch)

Final Internal Assessment Examination

Subject: Pharmacology

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- Attempt all questions
- Use separate sheet for Part A & Part B
- Draw neat and well labelled diagram wherever required

25.06.2012
Time: 90 Min
M.M. – [70]

PART - A

- Q. 1 Describe classifications of Anti Hypertension drugs. [12]
- Q. 2 Write short notes on: 3X4=[12]
- a) ADRS of Antibiotics
 - b) Cheese Reacton
 - c) Zero order Pharmaco Kinetics
 - d) Bioavailability & Half life of drugs
- Q. 3 Describe classification of Anti-Anxiety drugs. [12]

PART – B

- Q. 4 Describe Antiepileptic drugs and Phenotoin in details. [12]
- Q. 5 Wrote short notes on: 3X4=[12]
- a) Newer Drug delivery system
 - b) Signal transduction
 - c) Treatment of AIDS
 - d) Treatment of T.B

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MCQ's

2.5X4=[10]

Tick correct answer-

1. Albendazol is

- i. Anti Hyper tensive drug
- ii. Anti fungal
- iii. Anti Worm drug
- iv. Anti leprotic drug

2. Anti anginal drug

- i. Ampicillin
- ii. Sorbitrate
- iii. Nystalin
- iv. Procarinamide

3. α - methyl dopa is

- i. Anti Parkinson drug
- ii. Antibiotics
- iii. Anti Hypertensive
- iv. Anti tubercular drug

4. L-dopa is

- i. Drug
- ii. Prodrug
- iii. Prokinatics
- iv. Veneers

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BDS 2nd year (Reg. Batch)

Second Internal Assessment Examination

Subject: Pharmacology

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- Attempt all questions
- Use separate sheet for Part A & Part B
- Draw neat and well labelled diagram wherever required

14.08.2012
Time: 3 hrs
M.M. - [70]

PART - A

- Q. 1 Classify Nonsteroid Antiinflammatory drugs and describe the pharmacodynamic, pharmacokinetic clinical uses and adverse effect of Aspirin. [10]
- Q. 2 Explain why: 5X4=[20]
- a) Low dose of Aspirin is preferred over high dose in myocardial infarction
 - b) Adrenaline (vaso constrictor) injected with local anaesthetics?
 - c) Sulfamethoxazole combined with trimethoprim?
 - d) Levodopa combined with carbidopa?

PART - B

- Q. 3 Enumerate fluoroquinolones. Discuss the antibacterial spectrum, uses precaution and adverse effects of ciprofloxacin [10]
- Q. 2 Write short notes on: 5X3=[15]
- a) Captopril
 - b) Ceftriaxone
 - c) Furosemide
 - c) Cox-2 inhibitors

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MCQ'S 3X5=[15]

A) First line drug for falciparum malaria

- i) Chloroquine
- ii) Artemisinin derivatives
- iii) Doxycycline
- iv) Mefloquine

B) All are first line Antitubercular drugs except:

- i) Isoniazid
- ii) Rifampin
- iii) Ethambutol
- iv) Azithromycin

C) All are Enzyme Inducers (Microsomal) except:

- i) Phenobarbitone
- ii) Rifampin
- iii) Phenytoin
- iv) Ketoconazole

D) All are Antifungal except:

- i) Clotrimazole
- ii) Ketoconazole
- iii) Propranolol
- iv) Amphotericin – B

E) Metronidazole use for:

- i) Ulcerative gingivitis
- ii) Amoebiasis
- iii) Giardiasis
- iv) All of the above

FIRST SESSIONAL EXAM for 2nd year (Odd batch)

PHARMACOLOGY

Total marks: 70

Part A

LONG QUESTION

1. Discuss in detail factors modifying drug action (1x10=10)

DISCUSS DRUG TREATMENT OF: (2X5=10)

2. Status asthmaticus
3. Methanol poisoning.

SHORT NOTE: (3X5=15)

4. Bioavailability
5. Advantages and disadvantages of Parenteral route of drug administration
6. Second generation antihistaminics

Part B

LONG QUESTION

7. Classify Antihypertensive drugs. Write mechanism of action, therapeutic uses, adverse effects, drug interaction of ACE inhibitors. (1X10=10)

EXPLAIN WHY? (2X5=10)

8. Adrenaline is combined with lignocaine.
9. Naloxone is used in Morphine poisoning.

SHORT NOTE: (3X5=15)

10. Compare Succinylcholine and d-Tubocurarine
11. Tricyclic anti depressants
12. Furosemide