



Name :

Roll No. :

Invigilator's Signature :

CS/B.Pharm/SUPPLE/SEM-7/PT-708/2010

2010

PHARMACOLOGY

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

GROUP - A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for the following : $10 \times 1 = 10$

- i) Amphotericin - B is a
 - a) Antibacterial drug
 - b) Antifungal drug
 - c) Anti Malarial drug
 - d) Antiviral drug.
- ii) Nalidixic acid affects
 - a) Protein synthesis
 - b) Inhibition of DNA gyrase
 - c) Cell wall synthesis
 - d) RNA function.
- iii) Sucral fate is used as an
 - a) Antacid
 - b) Anti ulcer drug
 - c) Antidiarrhoeal drug
 - d) Anti emetic drug.
- iv) Gastrin is a
 - a) Enzyme
 - b) Hormone
 - c) Neurotransmitter
 - d) Vitamin.

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- v) Antidote of Atropine Poisoning is
- a) Methylene blue b) Naloxone
c) Dimercaprol d) Physostigmine.
- vi) Specific Toxic effect of streptomycin
- a) Ototoxicity b) Hepatotoxicity
c) Skin Rash d) Aplastic Anemia.
- vii) The combination of cotrimoxazole drug contains
- a) Trimethoprim + Ampicillin
b) Sulpha methoxazole + Ampicillin
c) Gentamicin + Tinidazole
d) Trimethoprim + Sulfadiazine.
- viii) Azithromycin acts on
- a) 30S ribosome subunit b) 50S ribosome subunit
c) 90S ribosome subunit d) None of these.
- ix) Helicobacter pylori is a
- a) Gram - cocci b) Gram + bacilli
c) Gram - bacilli d) None of these.
- x) Prednisolone is used as
- a) Antipyretic drug
b) Anti-inflammatory
c) Anti-ulcer drug
d) Anti-hypertensive drug.

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GROUP – B

(Short Answer Type Questions)

Answer any *three* of the following. $3 \times 5 = 15$

2. Write Pharmacology of griseofulvin.
3. Write MOA, clinical use & toxic effects of streptomycin.
4. Write shortly about drug resistance.
5. What is OCP ? Write down MOA & adverse effects of OCP.
6. How does Drug act on the uterus ?

GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following. $3 \times 15 = 45$

7.
 - a) Classify anti ulcer drugs with example.
 - b) Write MOA, Therapeutic use, side effects of omeprazole & cimetidine.
 - c) What is Zollinger - Elison syndrome ? $3 + 10 + 2$
8.
 - a) What do you mean by cancer ?
 - b) What are the causes of cancer ?
 - c) Classify anticancer drugs with example.
 - d) Write MOA, clinical use & side effects of methotrexate & dactinomycin. $1 + 3 + 3 + 8$

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9. a) Mention some important hormone secreted from adrenal gland.

b) Write in detail about Pharmacological action, Therapeutic use & adverse effects of glucocorticoids.

3 + 12

10. a) Write Principal of Toxicology.

b) What do you mean by gastric lavage ?

c) Discuss about Lead & Morphine poisoning & their management.

d) Define LD50.

3 + 2 + 9 + 1

