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# 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.

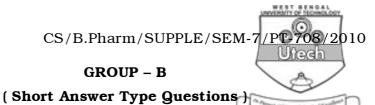
- iv) Gastrin is a
  - a) Enzyme
- b) Hormone
- c) Neurotransmitter
- d) Vitamin.

SE-71 [ Turn over

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

- v) Antidote of Atropine Poisoning is
  - a) Methylene blue
- b) Naloxone
- c) Dimercaprol
- d) Physostigmine.
- vi) Specifie 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.

SE-71



Answer any three of the following.

- $3 \times 5 = 1$
- 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

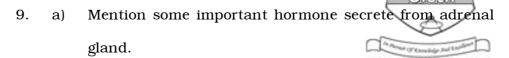
## (Long Answer Type Questions)

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

SE-71 3 [Turn over

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



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

SE-71 4