



Name : .....

Roll No. : .....

Invigilator's Signature : .....

**CS/B.Pharm(OLD)/SEM-8/PT-808/2012  
2012**

**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  
( Objective Type Questions )**

1. Answer any *ten* of the following : 10 × 1 = 10

i) Choose the correct alternative :

Drug action is

- a) quantitative                      b) qualitative  
c) both (a) and (b)                d) none of these.

ii) What is the difference between parameter and metameter ?

iii) What is the difference between tolerance and tachyphylaxis ?

iv) What is the difference between drug addiction and habituation ?

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[ Turn over



v) What is the difference between narcotics and non-narcotics ?

vi) Diabetes mellitus is due to ..... ( Fill in the blank ).

vii) Peptic ulcer is due to ..... ( Fill in the blank ).

Choose the correct alternatives :

viii) Antiarrhythmic drug is

- |              |                   |
|--------------|-------------------|
| a) Quinine   | b) Quinidine      |
| c) Digitalis | d) None of these. |

ix) Cretinism is due to

- |                       |                   |
|-----------------------|-------------------|
| a) hyperthyroidism    | b) hypothyroidism |
| c) pituitary disorder | d) none of these. |

x) Log dose response curve is

- |               |                   |
|---------------|-------------------|
| a) hyperbolic | b) sigmoidal      |
| c) parabolic  | d) none of these. |

xi) Explain the different phases of sigmoidal log dose response curve.

xii) What do you mean by M.E.D. ?



**Group - B**

**( Short Answer Type Questions )**

Answer any *three* of the following.

3 × 5 = 15

2. What is digitalis ? Discuss its pharmacological action.
3. Write about therapeutic management of peptic ulcer.
4. What is Hodgkin's disease ? Discuss about its characteristics.
5. Write about the clinical importance of SGOT & SGPT.
6. What do you mean by teratogenic disorder ?

**Group - C**

**( Long Answer Type Questions )**

Answer any *three* of the following.

3 × 15 = 45

7. What is angina pectoris ? Discuss about the therapeutic management and its side effects.
8. Describe in detail the bioassay of insulin.
9. What do you mean by Geriatrics ? Write a note on drugs administered in this type of patient.
10. Write about the general principle of clinical toxicology with examples.
11. Discuss about the pharmacological action, uses and side effects of any one of the drugs used in urinary tract infections.