

00496

**POST GRADUATE DIPLOMA IN
PHARMACEUTICAL SALES MANAGEMENT**

PGDPSM

Term-End Examination

June, 2011

MVE-002 : PHARMACOLOGY AND TOXICOLOGY

Time : 3 hours

Maximum Marks : 75

Note : *Attempt any five questions. All questions carry equal marks.*

1. (a) Classify Adrenergic agents. What is their effect on *any two* of the following : 8
 - (i) Heart
 - (ii) Blood Vessels
 - (iii) Respiratory System
 - (iv) Eye
- (b) What are dosage forms ? What are their different types ? Give two examples of each form. 7

2. Write short notes (*any three*) 5x3=15
 - (a) Biological Half Life
 - (b) Drug toxicity
 - (c) Drugs used in Angina
 - (d) Cardiac glycosides
 - (e) Chelating agents

3. (a) Classify drugs used in the treatment of peptic ulcer. 7
- (b) Describe the pharmacological actions of local anesthetics. 8
4. Discuss the following (*any three*) 5x3=15
- (a) Anaemia
- (b) Drugs obtained from minerals
- (c) Insulin
- (d) Antidiuretic hormone
- (e) Heparin
5. (a) Classify the drugs used in the treatment of bronchial asthma. 7
- (b) What are beta - lactamase inhibitors ? 8
What are their antibiotic actions ?
6. Discuss the following (*any three*) 5x3=15
- (a) Thyroid hormones
- (b) Drugs used in malaria
- (c) Drugs used in arthritis
- (d) Anthelmintic agents
- (e) Antidiarrhoeal agents
7. (a) Name any five anti-cancer agents and explain any one in detail. 7
- (b) What are the common protozoal diseases ? 8
Write the names of two drugs used for the treatment for each of these.

8. (a) Explain any three factors modifying the drug action. 6
- (b) Write the antidotes for *any four* of the following poisons : 4
- (i) Snake bite
 - (ii) Insulin
 - (iii) Beta - Blockers
 - (iv) Mercury (inorganic)
 - (v) Arsenic
 - (vi) Methanol
- (c) Write the full forms of *any five* of the following : 5
- (i) IDDM (ii) ACTH
 - (iii) NSAIDS (iv) HDL
 - (v) CNS (vi) ORS
 - (vii) ANC
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