

**POST GRADUATE DIPLOMA IN  
PHARMACEUTICAL SALES MANAGEMENT  
(PGDPSM)**

**Term-End Examination**

**December, 2014**

00284

**MVE-002 : PHARMACOLOGY AND TOXICOLOGY**

*Time : 3 hours*

*Maximum Marks : 75*

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

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1. (a) What are the different routes of drug administration ? Write the advantages and disadvantages of parenteral route of drug administration.

$7\frac{1}{2}$

(b) What are the different dosage forms ?

Describe any one of them in brief.

$7\frac{1}{2}$

2. Write short notes on any *two* of the following :

$2 \times 7\frac{1}{2}$

(a) Penicillins

(b) Antitubercular drugs

(c) Antidiabetic drugs

3. (a) Classify Non-Steroidal Antinflammatory agents. Explain the mechanism of action and therapeutic uses of any one group.  $7\frac{1}{2}$
- (b) What are hypnotics and sedatives ? Discuss their clinical uses.  $7\frac{1}{2}$
4. Give a brief account of any *two* of the following :  $2 \times 7\frac{1}{2}$
- (a) Drugs used in Parkinsonism
- (b) Anticoagulants
- (c) Drugs used in Bronchial Asthma
5. (a) What are diuretics ? Give their mechanism of action and therapeutic uses of Loop diuretics ?  $7\frac{1}{2}$
- (b) What are the different organisms which cause Malaria in human beings ? Enumerate the various drugs used in Malaria.  $7\frac{1}{2}$
6. (a) Discuss the drugs used in the treatment of Peptic Ulcer. 5
- (b) Enumerate the drugs used in Hypertension. 5
- (c) Give a brief account of various drugs used as General Anaesthetics. 5

7. (a) What are Autacoids ? Discuss in brief the therapeutic uses of Prostaglandins. 5
- (b) What are Adrenergic agents ? Give their therapeutic uses. 5
- (c) Give a brief account of oral contraceptives. 5
8. (a) What are the different types of drug interactions ? Give one example of each.  $7\frac{1}{2}$
- (b) Define antidote. Write a brief note on the different types of antidotes.  $7\frac{1}{2}$
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