

00115

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

Term-End Examination

June, 2012

**MVE-001 : INTRODUCTION TO ANATOMY,
PHYSIOLOGY AND PHARMACEUTICAL
CHEMISTRY**

Time : 3 hours

Maximum Marks : 75

Note : Attempt any five questions.

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| 1. | (a) | Describe the glands associated with the digestive system. | 5 |
| | (b) | Differentiate between arteries and veins. | 5 |
| | (c) | Describe any one mechanism of herbal drug interaction. | 5 |
| 2. | (a) | What type of tissue is blood ? Describe any four functions of blood. | 5 |
| | (b) | What do you understand by the autonomic nervous system ? Describe this autonomic nervous system. | 5 |
| | (c) | Define the term drug. What are the types of drugs ? Give advantages of any one type. | 5 |
| 3. | (a) | Discuss any five disorders of the cardiovascular system. | 5 |

- (b) What is mensuration ? Describe the four phases of the menstrual cycle. 5
- (c) What is a pharmacopoeia ? What are the main objectives of Indian pharmacopoeia commission ? 5
4. Write short notes on *any three* of the following : 3x5=15
- (a) Passive Immunization
- (b) Acquired Immuno-Deficiency Syndrome (AIDS)
- (c) Anatomy and physiology of taste buds
- (d) Any two vector borne diseases
5. Write short notes on *any three* : 3x5=15
- (a) Laxatives
- (b) Gastro-intestinal agents
- (c) Physiological acid-base balance
- (d) Synthetic drugs
6. (a) Discuss various reasons for adulteration in herbal drugs. 5
- (b) Discuss the significance of stereochemistry in pharmacy. Give any two examples. 5
- (c) Describe the Adrenal gland and its hormone. 5
7. (a) Describe any two types of quality control tests for tablets. 5
- (b) Discuss about any five chromatography techniques. 5
- (c) Describe with the help of a well labelled diagram the structure of a human kidney. 5

8. (a) What are phyto constituents ? Discuss any three phyto constituents of therapeutic importance. 8
- (b) What are Good Clinical Practices (GCP) ? 7
What are the purposes of trial monitoring ?
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