

00366

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

Term-End Examination

June, 2011

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

Time : 3 hours

Maximum Marks : 75

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

1. (a) Give any five principles of G C P. 5
(Good Clinical Practices).
- (b) Give details of various steps of evaluation 5
of suppositories.
- (c) What is QSAR ? Give its importance in 5
Pharmaceutical Chemistry.

2. (a) Give any 8 points of Indian Pharmacopia 8
Monograph Format.
- (b) Give any seven Ayurvedic formulations 7
used in herbal medicines.

3. (a) Discuss with the help of examples the significance of stereo isomerism in drugs. 5
- (b) How is the physiological acid - base balance maintained in the body ? 5
- (c) Describe the mechanism of action of Saline Cathartics and Bulk purgatives. 5
4. (a) What are antacids ? Write down the requirements of an ideal antacid. 5
- (b) Describe the disorders of joints. 5
- (c) What is Leukemia ? Give the types of Leukemia. 5
5. (a) Describe any two disorders of female sex organs and male sex organs. 5
- (b) Describe any five disorders of the nervous system. 5
- (c) What are various modes of transmission of air borne diseases ? Describe pneumonia. 5
6. Write short notes on (*any three*) 15
- (a) Pancreas and its hormones
- (b) Chemical inflammatory mediators
- (c) Spinal Cord
- (d) Ducts of male reproductive system
- (e) Heart

7. (a) Describe with the help of diagrams, the process of inhalation and exhalation in respiration. 15
- (b) What are important functions of Nervous System ?
- (c) Draw a well labelled diagram of Kidney.
8. (a) With the help of a diagram enumerate various organs of digestive system. 15
- (b) Describe the structure and composition of cell membrane giving a well - labelled diagram.
- (c) Discuss the GMPs with respect to location and surrounding.
-