

00221

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

Term-End Examination

June, 2015

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

Time : 3 hours

Maximum Marks : 75

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

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| 1. | (a) | Discuss water borne diseases caused by single celled organisms. | 8 |
| | (b) | What are topical agents ? Name the different categories of these agents and describe any one. | 7 |
| 2. | (a) | Briefly describe any four disorders of the digestive system. | 8 |
| | (b) | What is QSAR ? Give its importance in Pharmaceutical Chemistry. | 7 |
| 3. | (a) | Draw a neat labelled diagram of male reproductive system (in side view). | 7 |
| | (b) | List the names of different types of techniques used in isolation and purification of drug constituents and describe any two. | 8 |

4. (a) Describe the main functions of Nervous System. 7
- (b) Describe the process of acute inflammation in the body as a protective response. 8
5. Write short notes on **any two** : 7½x2=15
- (a) STDs (Sexually Transmitted Diseases)
- (b) Pancreas and its hormones
- (c) Adulteration of drugs
- (d) Thalidomide tragedy
6. (a) Draw a well labelled diagram of the section of a human ovary showing various stages of development of eggs and ovulation. 7
- (b) Define isomerism. Describe with the help of an example geometrical isomerism. 8
7. (a) Define pharmacognosy and explain its scope. 7
- (b) Give the common use (as drugs) and possible side effects/drug interactions of any four of the following herbs : 8
- (i) Garlic (ii) Ginger
- (iii) Ginseng (iv) Ephedra
- (v) Ginkgo (vi) Licorice
8. (a) Define good lab practices. Give any six functions of the GLP authority. 8
- (b) What do you understand by synthetic drugs ? Give their advantages and examples. 7