

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

Term-End Examination

June, 2022

**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.

1. (a) Describe the role of liver and pancreas in digestion. 8
- (b) Draw a labelled diagram of neuron. Distinguish between smooth, skeletal and cardiac muscles. 7
2. (a) Discuss the physiology of menstruation. 10
- (b) Differentiate between the following : $2 \times 2 \frac{1}{2} = 5$
- (i) Inhalation and Exhalation
- (ii) Bone and Cartilage

3. Write short notes on any **three** of the following : 3×5=15
- (a) Thyroid Gland and its Hormones
 - (b) Vector Borne Diseases
 - (c) Arteriosclerosis and Myocardial Infarction
 - (d) Geometrical Isomerism
 - (e) Drugs obtained from Natural Sources
4. (a) What are sexually transmitted diseases ?
Discuss any two. 8
- (b) Define Immunity and describe Acquired Immunity. 7
5. (a) List the Quality Control tests for Parenterals and describe any two. 8
- (b) Define the term “Topical Agents” and describe them in brief. 7
6. (a) Give the functional group and one example of any **four** of the following : 8
- (i) Nitrile
 - (ii) Amine
 - (iii) Carboxylic acid
 - (iv) Phenol
 - (v) Ketone
 - (vi) Ether

- (b) What is Clinical Trial ? Give the various steps for carrying out clinical trials in India. 7
7. (a) What are Neoplasms ? Describe their types. 8
- (b) What are Phytoconstituents ? Describe any three types of Phytoconstituents. 7
8. (a) Explain different types of spectrophotometry briefly. 8
- (b) What are the different types of deliberate adulteration of drugs ? 7
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