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**MVE-001**

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

**Term-End Examination**

**June, 2023**

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

*Time : 3 Hours*

*Maximum Marks : 75*

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

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1. (a) Draw the structure of heart and discuss the circulatory system. 10
- (b) Describe any *two* disorders of the digestive system. 5
2. (a) What is Rabies ? How can it be prevented ? 5
- (b) Describe the following : 5+5
  - (i) Free radicals
  - (ii) Major physiological ions

**P. T. O.**

3. (a) Explain extraction methods for the isolation of phytopharmaceuticals. 8
- (b) Describe any *three* quality control tests for tablets. 7
4. Write short notes on any *three* of the following : 5 each
- (a) Herbal medicines
- (b) Respiratory system
- (c) Physiology of mensuration
- (d) Classification of phytoconstituents
5. Distinguish between the following : 5 each
- (a) Acute and Chronic Inflammation
- (b) Innate and Acquired Immunity
- (c) Optical and Geometrical Isomerism
6. (a) Describe principles and requirements of good laboratory practices. 8
- (b) List and briefly describe the role of any *five* hormones of the endocrine system. 7
7. (a) Explain the physiological properties of nerve. 5

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(b) Explain symptoms of any *two* water borne diseases. 5

(c) What are Buffers ? Explain their role in Pharmacy. 5

8. Write short notes on any *three* of the following :

5×3=15

(a) Synthetic Drugs

(b) Deliberate Adulteration of Drugs

(c) Vector Borne Diseases

(d) Disorders of Eye