

No. of Printed Pages : 4

**MVE-001**

**POST GRADUATE DIPLOMA IN  
PHARMACEUTICAL SALES  
MANAGEMENT (PGDPSM)  
Term-End Examination**

**December, 2021**

**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) (i) Define blood pressure. Distinguish between systolic and diastolic blood pressure. 2+3+3
- (ii) Arteries and Veins 2+3+3
- (b) What are the components of blood ? Describe them in detail. 7

2. (a) Describe the structure of human brain and give its well labelled diagram. 8
- (b) List the components of the human urinary system and describe the physiology of urine formation. 7
3. (a) Describe any *two* diseases spread through physical contact. 8
- (b) Define inflammation. What is the process of acute inflammation ? 7
4. Write short notes on any **three** of the following : 5×3=15
  - (i) Disorders of pancreas
  - (ii) Stereoisomerism
  - (iii) Helsinki declaration
  - (iv) Epilepsy
  - (v) Buffers

**P. T. O.**

[ 3 ]

MVE-001

5. (a) Name the *two* categories of drugs and explain any *one* of them. 7
- (b) Differentiate between the following :  
4×2=8
- (i) Anemia and Leukemia
- (ii) Polynuclear and Heterocyclic hydrocarbons
6. (a) What is Pharmacognosy ? Describe the scope of 'Pharmacognosy'. 7
- (b) Describe the physical techniques for isolation and purification of plant constituents. 8
7. (a) Describe quality control area and quality control systems with reference to good manufacturing practices. 8
- (b) Describe microscopic evolution of drugs. 7

P. T. O.

[ 4 ]

MVE-001

8. (a) List the different components of the respiratory system and describe any *two* with their role in respiration. 7
- (b) Write short notes on any *two* of the following : 4×2=8
- (i) Adrenal gland
- (ii) Cell membrane
- (iii) Optical isomerism
- (iv) Arrhenius concept of acids and bases

MVE-001