

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

Term-End Examination

December, 2024

MVE-002 : PHARMACOLOGY AND TOXICOLOGY

Time : 3 Hours

Maximum Marks : 75

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

1. (a) Define the following terms : 5×1=5
- (i) Pharmacodynamics
 - (ii) Chemotherapy
 - (iii) Materia-indica
 - (iv) Pharmacopoeia
 - (v) Triphala
- (b) Illustrate the advantages and disadvantages of parenteral route of administration. 8

- (c) Enlist the solid dosage forms for internal use. 2
2. How do the drugs produce their effects ?
Discuss the factors modifying the drug action. 15
3. (a) What are diuretics ? Explain any *three* diuretics with suitable examples. 8
- (b) Describe the role of Vitamin K in blood clotting. 7
4. Write notes on the following : $7\frac{1}{2}+7\frac{1}{2}$
- (a) First generation antihistaminic agents and their uses
- (b) Prostaglandins
5. Write short notes on any *three* of the following : $5+5+5$
- (a) Antiasthmatic drugs
- (b) Growth hormones
- (c) Drugs used in Alzheimer's disease
- (d) Thyroid hormone
6. Elaborate the following : $5+5+5$

- (a) Drugs used in Parkinson's disease
 - (b) Preanaesthetic medications
 - (c) Poison Antidotes
7. (a) What are Penicillins ? Discuss the broad spectrum Penicillins along with their uses. 8
- (b) Define and list any *four* trace elements along with their uses. 7

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