

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

**Term-End Examination**

**June, 2021**

**MVE-002 : PHARMACOLOGY AND TOXICOLOGY**

*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) What is Morphine ? Write the main therapeutic uses of morphine. 7
- (b) What are Non-narcotic Analgesics ? Write the different categories used. 8
2. (a) Describe Antimotility and Antisecretory drugs giving examples. 7
- (b) What is Penicillin ? Write down the therapeutic uses of Penicillin. 8

3. (a) Describe the factors which modify the drug actions. 8
- (b) Write the advantages and disadvantages of parenteral route of drug administration. 7
4. (a) Explain the mechanism of action of Vitamin K. 8
- (b) Draw a labelled diagram of the urinary system and describe the role of 'Diuretics'. 7
5. (a) What are Cardiac Glycosides ? Write the effect of digitalis on the heart. 8
- (b) What are Antihistamines and their therapeutic uses ? 7
6. (a) What are the causes of Malaria ? Describe any three antimalarial drugs. 8
- (b) Explain different types of local anaesthetics with suitable examples. 7
7. (a) What is Poisoning ? What are the general principles of treatment of poisoning ? 8
- (b) Explain Pharmacodynamic Interactions, giving examples. 7

8. Write short notes on any *three* :

$3 \times 5 = 15$

- (a) Chelating Agents
  - (b) Quinolones
  - (c) Acetylcholine
  - (d) Fat Soluble Vitamins
  - (e) Ringer Lactate
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