

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

Term-End Examination

June, 2022

MVE-002 : PHARMACOLOGY AND TOXICOLOGY

Time : 3 hours

Maximum Marks : 75

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

1. (a) Discuss the advantages and disadvantages of parenteral route of drug administration. 5
- (b) What are the different dosage forms ? Give examples of each and describe their rate of absorption in the body. 10
2. (a) Define Narcotic Analgesics. Classify them by giving three examples of each. 8
- (b) What are Penicillins ? Give any five therapeutic uses of Penicillin. 7

3. (a) What is rational use of drugs ? What are the approaches followed for rational drug use ? 10
- (b) Describe ADME in relation to pharmacokinetics. 5
4. (a) What are Cholinergic Agents ? Describe the action of acetylcholine. 7
- (b) What are Trace Elements ? List their sources and benefits. 8
5. (a) Discuss the action of cardiac glycosides on the heart and give their therapeutic uses. 7
- (b) What is Angina Pectoris ? Describe the action of two anti-anginal agents. 8
6. (a) What are Thyroid Hormones ? Describe briefly antithyroid agents. 8
- (b) What are Plasma Expanders ? Discuss any four clinically used plasma expanders. 7
7. (a) What are Histamines ? Give uses of first generation anti-histamines. 8
- (b) What are Antitussive Agents ? Give an account on the drugs used as antitussives. 7

8. (a) What are Antimalarial Agents ? Describe any three antimalarial agents. 8
- (b) Differentiate between Antiseptics and Disinfectants, giving examples. 2
- (c) Define Diabetes Mellitus. Describe the role of insulin and oral agents in management of diabetes. 5
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