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MVE-003

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

Term-End Examination

June, 2024

MVE-003 : PHARMACEUTICS

Time : 2 Hours

Maximum Marks : 50

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

1. (a) Distinguish between steam and radiation sterilization.
- (b) Give advantages and disadvantages of Glass containers. 5+5
2. Define the following :
 - (i) Prescription
 - (ii) Stabilizers
 - (iii) Anti-oxidants
 - (iv) Aerosol
 - (v) Neutraceutical 2×5=10

P.T.O.

3. (a) What are the disadvantages of ?
 - (i) Parenteral route of administration
 - (ii) Liquid dosage forms.
- (b) Write short note on cardiac devices. 5+5=10
4. (a) Explain the physiological factors affecting the absorption of drugs.
- (b) Describe phase-III and Phase-IV clinical trail. 5+5=10
5. (a) What are probiotics ? Give two examples.
- (b) Explain monoclonal antibodies and their usage. 5+5=10
6. (a) Describe novel drug delivery system.
- (b) List and describe any five types of tablets. 5+5=10
7. Define ointments. Classify and describe each group briefly. 10
8. (a) Write a short notes on cloning vectors.
- (b) Explain bioavailability and bioequivalence. 5+5
