

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

Term-End Examination

MVE-003 : PHARMACEUTICS

Time : 2 Hours]

[Maximum Marks : 50

Note: Answer any five questions.

All questions carry equal marks.

1. a. Write short note on Biphasic Liquid dosage Form. 5
 b. Differentiate between bioavailability and bioequivalence of drug. 5
2. a. Describe the Nuremberg Code. 5
 b. List any five desirable features of a container for the packaging of dosage forms. 5
3. a. What are ointments? List different classes of ointments and describe any one class. 5
 b. What are the advantages of parenteral route of administration? 5
4. Write short notes on any two- 5+5=10
 - a. Nutraceuticals



- b. Tooth and dental products
- c. Hepatic elimination of drugs
- 5. a. What is Hybridoma? What are the advantages of hybridoma technique? 5
- b. What are the proposed uses and health benefits of Probiotics. 5
- 6. Write the use of following devices: 2½x4=10
 - a. Pace maker
 - b. Artificial urinary sphincters (AVS)
 - c. Feeding tubes
 - d. Catheters
- 7. List any four psychological factors affecting absorption of drugs? Describe any one. 10
- 8. a. Enlist advantages and disadvantages of capsules. 5
- b. How tablets are packaged? 5