

No. of Printed Pages : 3

MVE-003

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

Term-End Examination

December, 2025

MVE-003 : PHARMACEUTICS

Time : 2 Hours

Maximum Marks : 50

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

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1. (a) Define the following terms : 1×5=5
- (i) Posology
 - (ii) Emulsion
 - (iii) Stabilizers
 - (iv) Douches
 - (v) Jellies

B-1427/MVE-003

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- (b) List any *five* special properties required for the preparation of eye drops. 5
2. Discuss the biphasic liquid dosage forms along with examples. 10
3. What is sterilization ? List the various methods of sterilization and describe the advantages of any *three* methods. 2+2+6
4. Clarify various types of ointment bases. List the dermatological factors affecting the selection of ointment bases. 10
5. Define the term 'bioavailability'. Discuss the various factors affecting the absorption of drugs. 10
6. Write short notes on any *two* of the following : 5+5
- (a) Recombinant DNA technology
 - (b) Abdominal devices
 - (c) Aerosols in pharmacy

[3]

7. (a) What are Phytochemicals ? Give *five* examples of phytochemicals. 5

(b) Describe the uses of Radio-pharmaceuticals. 5

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