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MVE-003

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

Term-End Examination

December, 2021

MVE-003 : PHARMACEUTICS

Time : 2 Hours

Maximum Marks : 50

Note : (i) Answer any **five** questions.

(ii) All questions carry equal marks.

1. (a) Give a detailed note on steam sterilization. 5
- (b) Explain 'First Pass Effect' and 'Drug Clearance' of a drug from the body. 5
2. (a) Write the important features of packaging containers. 5
- (b) Write a note on Aerosol dosage form. 5

3. (a) List the drug release patterns of CDDS and explain any *two*. 5
- (b) Write a short note on radiopharmaceuticals used for diagnostic purposes. 5
4. Describe the *five* types of genitourinary devices with special emphasis to their applications. 10
5. Briefly describe the factors affecting bioavailability. 10
6. Briefly explain the phases of clinical trials. 10
7. (a) What are monoclonal antibodies? 5
- (b) What is the role of DNA transfer in cloning? 5
8. (a) List any *five* phytochemicals and their sources. 5
- (b) Define 'Probiotics' and give their therapeutic uses. 5

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