

POST GRADUATE DIPLOMA IN
PHARMACEUTICAL SALES MANAGEMENT
(PGDPSM)

Term-End Examination

December, 2012

MVE-003 : PHARMACEUTICS

Time : 2 hours

Maximum Marks : 50

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

1. (a) Define dosage forms, classify them with one example from each class. 5
(b) Enumerate different type of tablets. Give different types of tablet packaging. 5
2. (a) What is sterlization ? Name various methods used for sterlization. 5
(b) Explain the tests carried out for the evaluation of parenterals products. 5
3. Write short note on **any two** of the following : $5 \times 2 = 10$
 - (a) Use of Radio Pharmaceuticals and contrast media as diagnostic Agents.
 - (b) Aerosols
 - (c) Additives used in the formulation of various dosage forms.

4. (a) What are dentrifices ? Discuss tooth powder and tooth pastes. 5
(b) Classify hair preparations. Discuss hair colorants in detail. 5
5. (a) What are probiotics ? Enumerate commonly used probiotic strains. 5
(b) What do you understand "Medical devices " ? Discuss any four in brief. 5
6. (a) Classify ointment bases and list down the factors affecting selection of ointment bases. 5
(b) What are pastes ? Enumerate the different bases used for pastes. 5
7. (a) Define bio availability. Discuss the importance of bioequivalence. 5
(b) What are the different phases of clinical trials ? Discuss any two in detail. 5
8. (a) Discuss any four biological/physiological factors affecting absorption of drugs. 5
(b) What are Nutraceuticals ? Discuss merits and disadvantages of functional foods. 5
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