

POST GRADUATE DIPLOMA IN PHARMACEUTICAL SALES MANAGEMENT  
(PGDPSM)

Term-End Examination

December, 2019

MVE-003 : PHARMACEUTICS

Time : 2 hours

Maximum Marks : 50

- Note : (i) Answer any five questions.  
(ii) All the questions carry equal marks.

- 
1. (a) Describe any two tests carried out for the evaluation of parenteral products. 5  
(b) What are functional foods ? Give examples. 5
  2. (a) Give any two formula/rules for calculating infant and children dosages. 5  
(b) What are the different classes of liquid dosage Forms ? Give disadvantages of liquid dosage forms ? 5
  3. (a) List any four properties required for preparation of eye drops. Describe any one property in detail. 5  
(b) Describe any two methods for preparation of Ointments. 5
  4. (a) Explain different uses of Radiopharmaceuticals. 5  
(b) What are Aerosols and what are the merits of Aerosol Drug Delivery ? 5
  5. (a) Describe the Pharmaceutical factors affecting Absorption of Drugs. 5  
(b) What is meant by Pharmacokinetics ? Write its applications. 5
  6. Write short note on any two of the following : 5+5  
(a) Therapeutic uses of probiotics  
(b) Cloning vectors  
(c) Monoclonal antibodies
  7. (a) Describe any two phases of Clinical trials. 5  
(b) What are phytochemicals ? Give four examples. 5
  8. (a) Describe the functions of Cleansing and Sunscreen creams. 5  
(b) Give advantages and disadvantages of Parenterals. 5