

1. A container closure system must be designed to protect the drug during actual conditions of storage, shipment, and use and be able to deliver the correct amount of product at the time of use.

1.1 What are the factors considered in selection of the container for pharmaceutical packaging? (15 Marks)

1.2 Describe the properties of the packaging material used for parenteral products? (10 Marks)

1.3 Compare 'primary packaging and secondary packaging of pharmaceuticals' (15 Marks)

1.4 Write an account on 'Repackaging?' (20 Marks)

1.5 Briefly explain the following term (10 Marks)

1.5.1 Light-resistant containers (10 Marks)

1.5.2 Blister packs (10 Marks)

1.5.3 Single dose container (10 Marks)

1.5.4 Calendar pack (10 Marks)

2. Briefly Explain Different methods of different methods of (50 Marks)

2.1 identification of Medicinal gas cylinders (30 Marks)

2.2 Briefly explain the valve system of Medicinal gas cylinders (20 Marks)

2.3 Composite cylinders (20 Marks)

3. Explain Preparation methods of ointment (40 Marks)

3.1 Briefly Explain wool fat (30 Marks)

3.2 Briefly explain factors governing selection of an ideal base (30 Marks)

4. Write short notes on:

4.1 Labelling Requirements (25 Marks)

4.2 Tablets (25 Marks)

4.3 Specifications of suppository bases (25 Marks)

4.4 Cream (25 Marks)

