

Subject: Pharmaceutics-I

Paper Code: BP-103T

Paper Name: General Pharmacy

TIME: 3 hours

Max.Marks:75

Note: Question paper is divided in two sections A&B. Attempt all section as per instruction

SECTION-A

Note: Answer any five questions in about 150words each. Each question carries seven marks.

1. Write factor affecting Posology.
2. Write about emulsifying agent with its examples.
3. Write preparation of Ointment.
4. What do you understand by Chemical Incompatibility.
5. Write a short note on effervescent granules.
6. Write preparation and uses of liniments
7. Define the terms – (i) Creams (ii) Gels
8. Give the definition of pharmacopoeia and write note on IP.
9. Give in detail about profession of pharmacy in India.
10. Define the Elixir. Calculate the quantity of sodium chloride required to prepare 500ml of 2% solution.

SECTION – B

Note: Answer any four questions in detail. Each question carries ten marks.

1. What are suppositories ? Describe the evaluation of suppositories.
2. Define the suspensions. Describe the qualities of a good suspension. Discuss various additives used in the formulation of suspensions.
3. What do you understand by liquid dosage form. Explore solubility enhancement technique.
4. What is an emulsion. Discuss the stability problems and methods to overcome of emulsions.
5. Describe mechanism and factors influencing dermal penetration of drug.
6. Write note on : (i) Therapeutic Incompatibilities (ii) Physical Incompatibilities
7. Define Emulsions. Discuss various tests to identify them and explain how the creaming in emulsions may be minimized.
8. Define these terms : (i)Hygroscopic and Deliquescent powders (ii) Eutectic Mixture (iii) Dusting powders (iv) Bulk powders