

PHARMACEUTICS

UNIT - I

- ① Write about history of pharmacy or development of pharmacy profession in India. [V. Imp]
- ② Write in detail about IP and BP (Indian & British Pharmacopoeia) [Must prepare editions] [V. Imp]
- ③ Prescription, Parts of Prescription, Handling of Prescription [V. Imp]
- ④ Posology, Factors affecting Posology. [V. Imp]
- ⑤ Dosage form and its classification with definitions
- ⑥ Scope of Pharmacy

UNIT - II

- ① Write about Powders, its advantages / disadvantages and classification of powders [V. Imp]
- ② Liquid dosage form, its advantages / disadvantages and excipients used in Liquid dosage form. [V. Imp]
- ③ Write about solubility enhancement techniques. [V. Imp]
- ④ Write a short note on :-
 - Geometric Dilution
 - Eutectic mixture
 - Proof spirit
 - Simple Powders
 - Compound Powders
 - Dusting Powders
- ⑤ Write about Effervescent, Efflorescent and Hygroscopic powders.

UNIT - III

- ① Write about formulation and method of preparation of syrup/elixirs and or other monophasic liquid dosage forms.
- ② Define emulsions , Identification test for emulsion , Method of preparation , Stability problems and methods to overcome. [V·Imp]
- ③ Define Suspensions , Difference between Flocculated and Deflocculated and stability problems in suspension & methods to overcome. [V·Imp]

UNIT - IV

- ① Define Suppositories , Method of Preparation and Evaluation of Suppositories.
- ② Write about different types of suppository bases. [V·Imp]
- ③ Write in detail about Pharmaceutical Incompatibilities. [V·Imp]
 - Physical Incompatibility
 - Chemical "
 - Therapeutic "
- ④ Define Displacement Value.

UNIT - V

- ① Define Evaluation of Semi-Solid dosage form. [V·Imp]
- ② Discuss mechanism & factors affecting dermal penetration of drugs.
- ③ Preparation of Ointments / Creams / Pastes / Gels.