

QP CODE:103006

Reg.No:

First Year B.Pharm Degree Supplementary Examinations - August 2014

(2010 - Scheme)

PHARMACEUTICS - I

(Dispensing and General Pharmacy)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Write equations wherever necessary.

Essay

(3x10=30)

1. Discuss the maceration process for organized drugs. How does it differ from the process used for unorganized drugs.
2. Define posology. Discuss ten factors influencing the dose of a drug.
3. Classify mixtures. List out the ideal properties of a mixture. Mention the method of preparation of a mixture with diffusible solids

Short notes

(14x5=70)

4. Explain the different instability aspects of emulsions.
5. Explain the preparation and dispensing of a eutectic powder with an example.
6. What are liniments and how do they differ from lotions. Mention the formulation of an official lotion.
7. How a prescription should be handled.
8. Discuss any four chemical incompatibilities.
9. List the ideal properties of suppository bases. Add a note on emulsifying bases.
10. History of pharmacopoeia of India
11. Define the terms • Jellies • Tinctures • Mixtures • Loseznges • Paints
12. Discuss any five important sources of errors in a prescription
13. Absorption type ointment bases
14. Mention any two formulae to calculate child's dose. Calculate the dose for a six year old child if the adult dose is 500 mg.
15. Calculate displacement value of zinc oxide in cocoa butter suppositories containing 40% zinc oxide prepared in 1 gm mould. The weight of 6 suppositories is 6.3 gm.
16. What are dusting powders and discuss the different types of dusting powders
17. Discuss any four solution type of dosage forms.
