

First Year B.Pharm Degree Supplementary Examinations - March 2013

PHARMACEUTICS - I
(Dispensing and General Pharmacy)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Write equations wherever necessary.

Essay

(3x10=30)

1. Define emulsion and mention the various instabilities of an emulsion. Discuss them with their causes and precautions to avoid them.
2. Define suppository and discuss briefly about the formulation with suitable examples.
3. Define posology and discuss the various factors which affect the dose of a drug in detail.

Short notes

(14x5 70)

4. Explain about the physical incompatibility with suitable examples.
5. Discuss about the extraction process of percolation methods with suitable examples.
6. How the following preparations are packed:
 - Mandi's paint
 - Lotion
 - Liniment
 - Effervescent granules
 - Ointment
7. Define paste and how does it differ from ointments. Discuss the different bases used in the preparation of paste.
8. Narrate the difference between gargles and mouth washes.
9. Define prescription. Explain parts of a prescription.
10. Discuss the powders as a dosage forms and mention their method of preparations.
11. Explain in briefly the history of the Indian pharmacopoeia
12. How will you prepare 200ml of 40% alcohol from 60% and 10% alcohols.
13. Describe dosage forms, mention the important of dosage forms with examples.
14. Discuss briefly about the method of preparation of Lozenges.
15. Proof spirits.
16. Explain the procedure for dispensing mixtures containing indiffusible solids with suitable examples.
17. Pharmacist's role to overcome therapeutic incompatibility.
