

First Year Pharm D Degree Supplementary Examinations - February 2015

Pharmaceutics

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(3x10=30)

1. Define suspension and classify with suitable examples. Mention the advantages and disadvantages of suspension.
2. Define and explain the prescription, its parts and handling in detail
3. What are suppositories. Describe the method of preparation suppositories. Classify different type of suppositories bases, mention its advantages and disadvantages.

Short notes:

(8x5=40)

4. Pharmacy as a career
5. Define isotonicity and mention its significance. Enlist the techniques used for adjusting tonicity of solution.
6. Explain the type of chemical incompatibilities with appropriate examples.
7. Explain the objectives of designing of any dosage form and broadly classify the dosage form with examples.
8. Different types of extraction process.
9. Explain the preparation of lotion with suitable examples.
10. Differentiate simple and compound powders.
11. What are the physical instabilities of emulsions and explain how to overcome
