

First Year Pharm D Degree Supplementary Examinations - February 2014

**Pharmaceutics**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essay**

**(3x10=30)**

1. What is extraction and explain its importance. Explain the continuous hot percolation method of extraction with the help of a neat diagram.
2. What are monophasic dosage forms. Explain the various additives added to it. Describe the preparation of gargles and ear drops in details.
3. Define emulsion and classify emulsifying agents with examples. Add a note on the instability of emulsion.

**Short notes:**

**(8x5=40)**

4. 'Physical incompatibilities' with suitable example.
5. Displacement value
6. Method of preparation of spirit and tincture.
7. Handling of prescription
8. What are allegation methods. Mention different types and its uses in calculation.
9. How do you carry out sterilization of surgical catgut.
10. Explain salient feature of Indian pharmacopoeia
11. What are eutectic powders. Explain the methods for dispensing of such powders

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