

**First Year Pharm D Degree Examinations - August 2014**

**Pharmaceutics**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essay**

**(3x10=30)**

1. Explain in brief about formulation and evaluation of suspensions.
2. Classify powder and explain in detail about divided powders with examples.
3. Define and explain chemical incompatibility with examples.

**Short notes:**

**(8x5=40)**

4. If 30 mg of ephedrine hydrochloride can be given to an adult, what will be the dose for a child of 3 years. If 1500g solution containing 75g of a drug substance, what is the percentage strength (w/w) of the solution.
5. Discuss about the historical development and profession of pharmacy.
6. What are the advantages and disadvantages of suppositories.
7. What are gargles. Explain in brief and differentiate gargles & mouth washes.
8. Method of preparation and sterilization of surgical catgut.
9. Explain about tinctures.
10. What are the different methods of preparation of emulsions. Describe them.
11. Explain in brief on throat paint.

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