

First Year B.Pharm Degree Examinations - August 2014

**(2012 - Scheme)**

**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. Describe the methods for preparing emulsions.
2. Explain the principle and the methods for simple percolation process
3. Explain the sources of error in prescription and a note on handling of prescriptions.

**Short notes**

**(14x5=70)**

4. Various types of chemical incompatibility
5. Define paints. Explain the advantages and the ingredients used in the preparation of paints.
6. Various types of extracts.
7. Classify the various types of liquid dosage forms.
8. Discuss in brief the various methods used in the preparation of mixtures.
9. Additives used in the preparation of ointments
10. Principle involved in the preparation of cresol with soap solution I.P
11. Labelling and storage requirements for emulsions and suppositories
12. General method for the preparation of paste with suitable example.
13. Define lotions. What are the advantages and disadvantages of lotion.
14. What is the percentage strength (w/v) of solution of benzoic acid, if 70 ml contains 8 g.
15. In what proportions may a manufacturing pharmacist mix 40%, 20% and 10% alcohol to produce 15% alcohol
16. Various types of suppository bases.
17. The adult dose of propranolol is 40 mg. What will be the dose for a 10 months old infant and five year old boy

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