

**QP CODE:113006 (2012 - Scheme)**

**Reg.No: .....**

First Year B.Pharm Degree Supplementary Examinations - March 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. Explain the background of the development of the Indian pharmacopoeia
2. What are mixtures. Classify different types of mixtures. Describe in brief the methods of dispensing mixtures.
3. Define incompatibility. What are the different types of incompatibility. Add a note on physical incompatibility.

**Short notes**

**(14x5=70)**

4. Differentiate between gargle and mouth wash.
5. What are the qualities of an emulsifying agent. Classify emulsifying agents.
6. Displacement value.
7. Differentiate between tolerated and adjusted incompatibility.
8. Explain the parts of a prescription.
9. How much water should be mixed with 250 ml of 5% alcohol and 750 ml of 15% alcohol to prepare 10% alcohol .
10. What are the advantages and disadvantages of cocoa butter as a suppository base.
11. Explain the various tests to distinguish between the types of emulsions.
12. Explain the formulation of a eutectic powder with a suitable example.
13. Explain simple maceration process for organized drugs.
14. Infusions.
15. How much solute is required to make 500ml of 10% (v/v) solution of chloroform in 90% alcohol.
16. Define posology. Explain any four factors affecting doses of drugs.
17. Latin expansion and the english meaning of the following:
  - sig.
  - s.s
  - p.r.n
  - p.p.a
  - ad.lib

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