

First Year B.Pharm Degree Supplementary Examinations , April 2015

(2010 - 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 prescription. Explain the various parts of prescription with its significance.
2. Define powder. Discuss about the classification and preparation of powders with suitable examples.
3. Describe in detail the simple maceration process for extraction of crude drugs. Explain as to how it differs from the modified maceration process.

Short notes**(14x5=70)**

4. Explain the significance of displacement value for suppository.
5. Comment on the prescription and suggest the corrections required if any
Rx Castor oil - 15ml Purified water - 30ml Make an emulsion
6. Discuss the factors for creaming and cracking in emulsion and suggest methods to reduce it.
7. Define jellies. What are the different types of jellies. Name some bases used for making jellies.
8. Describe the method of preparation of non-staining Iodine ointment.
9. How many grams of solid are required to prepare 520ml of a 1 in 800 solution.
10. Explain the various units used to express the concentration of solutions
11. Discuss the various formulae for calculating the doses for children and infants.
12. How will you identify the type of an emulsion.
13. Tablet triturates.
14. How do you dispense the following.
Rx Atropine sulphate - 0.5mg Lactose - Q.S.
Fiat pulvis mitte tales IV nos One powder is to be taken twice daily
15. Narrate the difference between liniments and lotions.
16. Enumerate a list of various pharmacopoeia which are being referred extensively.
17. What is an ideal ointment base. What are the factors to be considered in the selection of an ointment bases.
