

First Year B.Pharm Degree Examinations - July 2015

(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 maceration. Explain in detail, maceration process and its types.
2. Define incompatibility and classify them. Describe in brief about alkaloidal chemical incompatibility with examples.
3. Classify the dosage forms with examples.

Short notes

(14x5=70)

4. History of Indian pharmacopoeia
5. Define prescription and explain its parts with example.
6. Define ointment. Differentiate between ointments and pastes.
7. Define posology. Calculate the dose for 6 months baby and 10 years old child if the adult dose is 100 mg.
8. Find out the relative parts of the samples of ammonia water containing 33%, 28%, 8.5% and 7% of ammonia to be mixed in order to get a sample containing 10% ammonia.
9. Differentiate between infusion and decoction.
10. Methods used for preparing suppositories.
11. Effervescent powder and its advantages.
12. Mandle's paint.
13. Different methods used for the preparation of ointments.
14. Preparation, labeling, storage and use of calamine lotion.
15. How do you identify the types of emulsion.
16. Describe in brief the method of dispensing mixture containing indiffusible solids.
17. Describe about Soxhlet extractor with neat labeled diagram.
