

Roll No

PY-103

B.Pharm. I Semester

Examination, December 2012

Pharmaceutics-I

Introduction to Pharmaceutics

Time : Three Hours

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Maximum Marks : 70

Note: Attempt any five.

1. a) Discuss various systems of medicines. 7
b) Write note on United State Pharmacopoeia. 7
2. a) Write brief classification of pharmaceutical dosage forms. 7
b) Discuss semisolid dosage forms and their advantages over other dosage forms. 7
3. a) Define and differentiate between lotion and liniments. 7
b) Write preparation and use of turpentine liniment. 7
4. a) What are emulsions? Write different methods of preparation of emulsions. 7
b) Discuss the factors responsible for instability of emulsions. 7

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5. a) Discuss the factors affecting in selection of extraction procedure. 7
b) Write note on percolation procedure for preparation of plant extractives. 7
6. a) Calculate the quantity of sodium chloride required for preparation of 250ml of a 0.9% solution of NaCl. 7
b) Calculate the quality of alcohol will require to prepare 900ml of 40% alcohol from 85% of alcohol. 7
7. Write short notes on any three: 14
a) Suspending agents.
b) History of pharmaceutical practices
c) Differentiate between gargles and mouth washes.
d) Suppositories.

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