

Code No. 7203 / M

FACULTY OF PHARMACY**B. Pharmacy I – Year (Main) Examination, June 2014****Subject : Pharmaceutics - I (General and Dispensing Pharmacy)****Time : 3 hours****Max. Marks : 70****Note: Answer all questions. All questions carry equal marks.**

- 1 a) Write about the registration procedure for a pharmacist. 7
b) Write a note on pharmacy as career. 7
- OR**
- c) If the adult dose of a drug is 500 mg. Calculate the dose of the drug for children of 6 years age. 6
d) Write about the method of allegation in with two examples. 8
- 2 a) Define prescription? Write about the parts of prescription with the diagram of a label. 8
b) Write a note on containers and closures for different dispensing products. 6
- OR**
- c) Define the following dispensing products 14
i) Irrigations ii) Draughts iii) Collodions iv) Poultices
v) Elixirs vi) Lozenges vii) Liniments
- 3 a) Write the principle and procedure for the preparation of the following : 14
i) Simple syrup I.P. ii) Calamine lotion
iii) Liquid paraffin emulsion iv) Paracetamol elixir
- OR**
- b) Distinguish between the following : 14
i) Aromatic waters Vs Spirits ii) Solutions Vs Mixtures
iii) Elixirs Vs Syrups iv) Throat paints Vs Gargles
- 4 a) Write about the different bases of ointments with their advantages and limitations? 10
b) Identify the type of incompatibility in the following prescription and add a note on rectification? 4
- Rx
Arachil oil - 20 ml
Water upto - 100 ml
Make a mixture
- OR**
- c) Define displacement value? Calculate the displacement value of a drug at 40% in the total of 1 g. (Prepare 6 suppositories each of 1 g containing 40% of drug). 7
d) Write about the preparation of the following : 7
i) Effervescent granules ii) Cold cream
- 5 a) Discuss about the percolation process for extraction with suitable examples. 10
b) Define the following : 4
i) Digestion ii) Decoction iii) Tincture iv) Infusion
- OR**
- c) Discuss in detail about the diagnostic uses of radio pharmaceuticals. 14
