

FACULTY OF PHARMACY**B. Pharmacy I - Year (Supplementary) Examination, October / November 2014****Subject: Pharmaceutics – I
(General & Dispensing Pharmacy)****Time : 3 Hours****Max. Marks: 70*****Note: Answer all questions. All questions carry equal marks.***

- 1 (a) Discuss about the pharmaceutical Education in India. (7)
(b) Write about the pharmacopeias. (7)
OR
(c) Do the calculations for preparation of 200ml of a 1 in 10000 solution from the 1 in 400 solution of proflavine hemisulphate. (5)
(d) Preparation of 600ml of 60% alcohol from 95% alcohol? (5)
(c) 40° OP & 70° UP in percentage V/V ? (4)
- 2 (a) Define the following: (4)
(i) Suppositories (ii) Elixirs (iii) Pouttices (iv) Gargles
(b) Define prescription and describe the parts of prescription in details. (10)
OR
(c) Write a note on labeling of dispensing products. (6)
(d) Discuss about the organoleptic additives used in formulations. (8)
- 3 (a) Discuss about the general methods of preparation, additives used and uses of the following dosage forms. (14)
(i) Emulsions (ii) Suspensions (iii) Lotions
OR
(b) Distinguish the following: (3+3+3+3+2)
(i) Aromatic waters and spirits (ii) Syrups and Elixirs
(iii) Suspensions and Emulsions (iv) Lotions and liniments
(v) Gargles and throat paints
- 4 (a) Discuss about the different types of suppository bases with their applications. (10)
(b) Dispense the following prescription. (4)
R_x
Phenobarbitone Sodium – 600 mg
Ammonium bromide – 8 g
Water upto - 100 ml
Label : Two 5ml spoonful to be taken at night
OR
(c) Discuss the preparation of the following: (9)
(i) Effervescent granules (ii) Cold cream (iii) Non staining Iodine ointment
(d) Define Jellies. Discuss about the different types of jellies. (5)
- 5 (a) Discuss the procedure of maceration for extraction of drugs. (7)
(b) Write about the medicinal gases and their uses. (7)
OR
(c) Explain the procedure of Soxhlation. (7)
(d) Write the therapeutic uses of radio pharmaceuticals. (7)
