

Code No. 4034

FACULTY

B. Pharmacy I – Year (Suppl.) Examination, November 2016

Subject: Pharmaceutics – I (General and Dispensing Pharmacy)

Time: 3 Hrs

Max.Marks: 70

Note: Answer all questions. All questions carry equal marks.

- 1 a) Write about Registration procedure for pharmacist. 7
 b) Write a brief note on development of pharmaceutical education in India. 7

OR

 c) Write a note on pharmacy as career. 4
 d) What is proof spirit? Convert 40% v/v and 60% v/v to proof strength. 5
 e) Prepare 600 ml of 40% and 60% alcohol from 95% alcohol. 5
- 2 a) Define Prescription. Describe various parts of prescription with suitable examples. 8
 b) Discuss the sources of errors during handling and dispensing of prescription. 6

OR

 c) Write a note on following dosage forms with examples:
 i) Effervescent tablets ii) Dustin powers iii) Dentifrices 7
 d) Write a brief note on:
 i) Prescription containers ii) Labeling and packing of container 7
- 3 a) What are mixtures? Classify different types of mixtures. Discuss general procedure for dispensing mixtures. 6
 b) Write different methods of preparation of following dosage forms
 i) Aromatic waters ii) Suspensions iii) Emulsions 8

OR

 c) Define the following dosage forms with examples
 (i) Lotions (ii) Mixtures (iii) Elixirs (iv) Collodions (v) Liniments
 (vi) Throat paints (vii) ointments 7x2=14
- 4 a) Write a short note on:
 i) Cold cream ii) Simple ointment 6
 b) What are suppositories? What are the different bases used in preparation and write methods of preparation. 8

OR

 c) Explain the therapeutic incompatibility with suitable examples and give the methods for overcoming this incompatibility. 7
 d) Identify the type of incompatibility in the following prescription and add a note on how to rectify the incompatibility.
 i) R_x Menthol – 5 m, Camphor – 5 m, Ammonium chloride – 30 m
 Lithium carbonate – 60 m. Make an insufflation. 7
 ii) R_x Ferric chloride solution 2 ml, Sodium salicylate 4m, Water up to 90 ml.
 Prepare a mixture. 7
- 5 a) What is extraction? Write various solvents used in extraction processes. 5
 b) Explain double maceration and triple maceration processes. 9

OR

 c) Discuss in detail about preparation, therapeutic and diagnostic uses of any two radio pharmaceuticals. 10
 d) Discuss containers used for medicinal uses. 4
