

CODE NO: 1166/BL

**FACULTY****B. Pharmacy I Year (Backlo) Examination, April / May 2018****Subject: Pharmaceutics I (General and Dispensing Pharmacy)****Time: 3 Hrs****Max. Marks: 70****Note: Answer All Questions. All Questions carry Equal Marks.**

- 1) a) Discuss in detail about pharmacy as a career for Pharmacy graduates. 7M  
b) Write a brief note on Evolution. 7M  
OR  
c) Calculate the dose for a child of 5 years, when the adult dose of drug is 400 mg. 4M  
d) Calculate % v/v alcohol in 30° O.P. and 40 % U.P. solution. Percentage v/v of alcohol in 30° O.P. and 40 U.P. 6M  
e) Prepare 600 ml of 35 % alcohol from 95 % alcohol. 4M
- 2) a) Define Prescription. Explain various parts of prescription with suitable example. 8M  
b) Write a note on general dispensing procedures for different dosage forms. 6M  
OR  
c) Write a brief note on classification, advantages and limitations of dosage forms. 6M  
d) Write a note on i) Containers and closures ii) Colors, flavors and sweeteners. 8M
- 3) a) Write principle, procedure and labeling of following preparations  
i) Aromatic waters ii) Mixtures iii) Suspensions iv) Tablets  
OR  
b) What are Emulsions? Write the different methods of preparation of emulsions. Write a brief note on Emulsifying agents. 5M  
c) Differentiate between i) Lotions and Liniments ii) Emulsions and Suspensions. 6M  
d) Write a note on preparation of simple syrup. 3M
- 4) a) What are suppositories? Write about different suppository bases and different methods of preparation of suppositories. 8M  
b) Write a short note on i) Effervescent granules ii) Cold cream iii) Lozenges 6M  
OR  
c) Define Incompatibility? What are the different types of incompatibilities? Write about therapeutic incompatibility with examples? 9M  
d) Identify the type of incompatibility in the following prescription and add a note on how to overcome the incompatibility.  
Rx Potassium chlorate – 0.6 , Tannic acid – 0.3 , Sucrose – 0.3 Water up to 20.00 Make a powder. 5M
- 5) a) What is the process of extraction? Describe the Soxhlet extraction process for preparation of tinctures with neat labeled diagram. 8M  
b) What are tinctures and extracts? Write some official tinctures as per I.P. 6M  
OR  
c) Write the preparation and diagnostic uses of radio pharmaceuticals. 7M  
d) Write the containers, fittings, handling and storage of medicinal substances. 7M

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