

FACULTY OF PHARMACY
Pharm. D (6 YDC) I-Year (Main) Examination, July 2017

Subject : Pharmaceutics

Time : 3 Hours**Max. Marks: 70**

Note: Answer all questions from Part - A and answer any five questions from Part-B.

PART – A (10 x 2 = 20 Marks)

- 1 Differentiate between lotion and liniment.
- 2 Calculate the amount of 95% alcohol required to prepare 400 ml of 60% alcohol.
- 3 Write a note on Aromatic spirit of Ammonia.
- 4 Differentiate between Decoction and infusion.
- 5 What will be the dose for a child of 8 years if the adult dose is 200 mg?
- 6 Mention the various reasons which causes therapeutic incompatibility.
- 7 Write a note on absorbable gelatin sponge.
- 8 Define the terms, collodions and linctuses.
- 9 Write the brief about dusting powders.
- 10 What are official compendia and non-official compendia?

PART – B (5 x 10 = 50 Marks)

- 11 Explain the reasons for instability of emulsions and mention the remedies to minimize them.
- 12 Define suppositories. Discuss in detail various kinds of bases used for the preparation of suppositories.
- 13 (a) Write a note on British pharmacopoeia.
(b) Convert the following:
60° O.P. and 35° U.P. to % v/v of alcohol and 40% v/v and 75% v/v alcohol to proof spirit.
- 14 (a) Explain parts of prescription with typical example.
(b) Describe the procedure adopted by pharmacist while handling prescription.
- 15 Write the principle and procedure for the preparation of :
(a) Calamine Lotion
(b) Turpentine Liniment
- 16 Explain different physical incompatibilities and describe the remedies to handle them.
- 17 (a) Explain the maceration methods for organized and unorganized drugs with examples.
(b) Write a note on medicated bandages.
- 18 Define posology. Explain different factors influencing selection of dose.
