

FACULTY**Pharm. D (6-YDC) I-Year (Main & Backlog) Examination, June/July 2019****Subject: Pharmaceutics****Time: 3 Hours****Max. Marks: 70****Note: Answer all questions from part A, Answer any five questions from Part B.****PART – A (10 × 2 = 20 Marks)**

1. Define displacement value and write its importance.
2. If the adult dose of a drug is 500mg, calculate the dose for a 5 year child.
3. Write the principle involved in calamine lotion.
4. Define Tinctures and write their applications
5. Classify dosage forms with examples?
6. Distinguish between o/w and w/o type emulsions.
7. What is the difference between lotion and Liniment?
8. What is a syrup? What is the conc. of sugar w/w & w/v in syrup?
9. Write a note on flavors used in pharmaceutical products.
10. Convert 50.16% v/v strength alcohol into proof spirit.

PART - B (5 × 10 = 50 Marks)

11. What is Posology? Explain factors effecting solution of dose.
12. Write a note on development of pharmaceutical industry in India and its growth prospectus?
13. Write a note on different maceration and percolation methods.
14. Write a note on a. U.S.P
b. I.P.
15. Describe any two chemical incompatibilities and how do you handle them?
16. Explain suspensions and evaluation of stability of suspensions
17. Explain effervescent granules and their preparation.
18. a) Explain the differences between infusion and decoction
b) Explain stability studies of emulsions.
