

Code No. 6113

FACULTY**Pharm D (6 – YDC) I – Year (Main & Backlog) Examination, August 2016****Subject: Pharmaceutics****Time: 3 Hours****Max.Marks: 70****Note: Answer all questions from Part – A. Any Five questions from Part – B.****PART – A (10x2 = 20 Marks)**

- 1 How will you distinguish between w/o and o/w type emulsions.
- 2 Define displacement value. Write its importance in the preparation of suppository.
- 3 What will be the dose for a child of 5 years if the adult dose of a drug is 400 mg.
- 4 Write about the principle involved in the preparation of calamine lotion.
- 5 Define the following:
 - a) Tinctures
 - b) Collodions
- 6 Classify dosage forms with suitable examples.
- 7 Why pharmaceutical preparations are coloured?
- 8 Write a note on absorbable gelatin sponge.
- 9 Convert 50.16% v/v strength of alcohol into proof spirit.
- 10 Define prescription, name the parts of prescription.

PART – B (50 Marks)

- 11 a) Discuss the formulation of suspensions with suitable examples. 6
b) Write a note on USP. 4
- 12 Explain different parts of percolator with help of neat diagram and describe methodology of percolation. 10
- 13 What is posology? Explain different factors influencing selection of dose. 10
- 14 a) Explain different therapeutic incompatibilities and describe the remedies to handle them. 8
b) Differentiate between maceration and percolation. 2
- 15 a) Describe history, education and pharmaceutical industry in India. 6
b) Write a note on sutures and ligatures. 4
- 16 Explain different ingredients present in effervescent granules and preparation of effervescent granules. 10
- 17 a) What are suppositories? Write a note on evaluation of suppositories. 6
b) Discuss in brief types of flavours used in pharmaceutical products. 4
- 18 Write short notes on: 10
 - a) Enemas
 - b) Nasal drops
