

[LC 802]

APRIL 2013

Sub. Code: 3802

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION**FIRST YEAR****PAPER II – PHARMACEUTICS***Q.P. Code: 383802***Time: Three Hours****Maximum: 100 marks****Answer All questions****I. Elaborate on:****(2 x 20 = 40)**

1. Define Prescription. Discuss in detail the importance of various parts of prescription with suitable example.
2. a) Explain the preparation and Identification methods of emulsion.
b) Write about factors influencing stability of emulsion.

II. Write notes on:**(10 x 6 = 60)**

1. Explain the methods of evaluation of Suppositories.
2. Describe the technique of "Percolation" process.
3. Write briefly about bi-phasic liquid dosage form.
4. Give the note on National formulary of India.
5. Enumerate the advantages and disadvantages of oral powders.
6. Discuss briefly about throat paints and throat sprays.
7. Explain the role of thickening agents in the formulation of suspensions.
8. Papevarine hydrochloride (M.W 376) is a 2-ion electrolyte dissociating 80% in a given concentration. Calculate its sodium chloride (M.W 58.5) equivalent.
(Substance dissociate in to 2-ion, i factor is 1.8.)
9. What are the standards prescribed by the B.P.C. for Dressing?
10. Discuss Two Therapeutic Incompatibilities and method to overcome with example.
