

[LO 802]

MAY 2019

Sub. Code: 3802

**PHARM. D DEGREE EXAMINATION
(2009-2010 Regulation)
FIRST YEAR
PAPER II – PHARMACEUTICS**

Q.P. Code: 383802

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Define suppositories. Write the advantages and disadvantages. Explain briefly the types of bases used.
2. Explain the different methods of extraction process.
3. Explain with suitable examples the formulation adjuvants used in monobasic liquids dosage forms.
4. Define incompatibility. Write briefly the physical and chemical incompatibility and methods to overcome the incompatibilities.

II. Write notes on:

(6 x 5 = 30)

1. Write a note on surgical dressings.
2. Write about preparation of tinctures.
3. Explain the instability conditions of an emulsions.
4. Eutectic and explosive powders.
5. Write various formula used for calculation of children and infants doses.
6. Write a note on isotonic solution and proof spirit.
