

(LE 4267)

FEBRUARY 2014

Sub. Code: 4267

FOURTH YEAR B.PHARM. EXAM

PAPER I – FORMULATIVE PHARMACY AND BIOPHARMACEUTICS

Q.P. Code: 564267

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:**(2X20=40)**

1. Discuss about the bioavailability and bioequivalence testing.
2. Discuss about the quality control testing of tablets.

II. Write notes on:**(8X5=40)**

1. Solubility
2. Chemical degradation
3. Materials for production of hard gelatin capsules
4. Spray drying – Spray congealing
5. Defects in tablets manufacturing
6. Liposome
7. Drug elimination
8. Clearance

III. Short Answers on:**(10X2=20)**

1. Precompression
2. Polymorphism
3. Wetting
4. Size of hard gelatin capsules
5. Enteric coating
6. Apparent volume of distribution
7. Methods of microencapsulation
8. Hypodermic tablets
9. Biopharmaceutics
10. Application of nanoparticles
