

[LI 341]

APRIL 2016

Sub. Code: 2902

**M.PHARM. DEGREE EXAMINATION
FIRST YEAR
BRANCH I – PHARMACEUTICS
PAPER II – INDUSTRIAL PHARMACY**

Q.P. Code: 262902

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about the Physicochemical and Biological factors affecting stability of Drug.
2. Write in detail about Production management and GMP consideration for the Pharmaceutical Industry.

II. Write notes on:

(10 x 6 = 60)

1. Different types of pharmaceutical containers.
2. ICH guidelines for stability studies.
3. Intellectual property rights.
4. Effect of hardness of the tablets on disintegration time.
5. Solubilisation and surfactants.
6. Principle and applications of heat sterilization.
7. Sterility testing of commercially available injections.
8. Effect of particle size, moisture content on strength of tablets.
9. Safety measures in pharmaceutical industries.
10. Accelerated stability testing.
