

(Following Paper ID and Roll No. to be filled in your  
Answer Books)

**Paper ID : 150614**

Roll No.

**B. PHARM.**

**Theory Examination (Semester-VI) 2015-16**

**PHARMACEUTICAL TECHNOLOGY-II**

*Time : 3 Hours*

*Max. Marks : 100*

**Note : Attempt all questions. All questions carry equal marks.**

**1. Attempt any two of the following questions : (10×2=20)**

- (a) Discuss quality control test for hard and soft gelatin capsule.
- (b) Give merits of microencapsulation. Explain detailed methodology of emulsion technique for formulation of microencapsules.
- (c) Write detailed note on base absorption and minimum/gram factors in soft gelatin capsules.

**2. Attempt any two of the following questions: (10×2=20)**

- (a) Classify different types of tablets on the basis of route of administrations with suitable examples.
- (b) Draw neat and labelled diagram of single punch machine and discuss their important parts.
- (c) Elaborate quality control tests for enteric coated tablets.

**3. Attempt any two of the following questions: (10×2=20)**

- (a) Differentiate the terms “sustained released” and “control released” system. Write the importance of controlled released system.
- (b) Discuss in-vitro methods for evaluation of sustained release dosage form.
- (c) Write a brief note on various approaches for CDDS.

**4. Attempt any two of the following questions: (10×2=20)**

- (a) Enlist various parameters for evaluation of parenteral and discuss any one of them in detail.
- (b) Write short note on preparation of parenteral suspensions.
- (c) Discuss in detail about pyrogenicity.

**4. Attempt any two of the following questions: (10×2=20)**

- (a) Discuss various factors that should be considered during selection of containers.
- (b) Write short note on surgical cotton and absorbent cotton.
- (c) Discuss various evaluation parameters for glass containers.
- (d) Give official requirements for container.