

**PY - 804 (A)**  
**B.Pharmacy VIII Semester**  
 Examination, June 2015  
**Packaging Technology**  
**(Elective - I)**

*Time : Three Hours*

*Maximum Marks : 70*

**Note :** i) Attempt any five questions.  
 ii) All questions carry equal marks.

1. a) Define packaging, packaging material science and give its importance. 7  
 b) Discuss elastomers as packaging material. 7
2. a) Discuss various types of glasses used in pharmaceutical packaging. 7  
 b) Write a note on collapsible tubes. 7
3. Explain FFS technology. 14
4. How child resistant packages are prepared? Write about blister, strip and bubble packs. 14
5. Discuss the quality control tests (Along with limits) for containers as per Indian Pharmacopoeia. 14

6. a) Give the legal and regulatory requirements of labeling as per D&C act. 7  
 b) Write briefly about the cGMP requirements for storage and handling of packaging materials. 7

7. Write short notes on (Any two) 7 each
  - a) Sachets and pouches
  - b) Aerosol containers
  - c) Detection of defects in packaging materials
  - d) Patient information literatures.

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