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## MPY-204 (PCS)

**M. Pharmacy II Semester** Examination, June 2020

### Pharmaceutical Packaging Technology

#### (Advance Pharmaceutics - IV)

*Time : Three Hours*

**Maximum Marks : 70**

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

1. Write about sterilization of packaging materials. 14
2. Give a detailed account of the following packages.
  - a) Parenterals 7
  - b) Aerosols 7
3. Discuss the importance of packaging. Describe various containers closures used in the packaging of pharmaceuticals. 14
4. Write a note on:
  - a) Package testing 7
  - b) Defects in packaging 7
5. Discuss in detail about the regulatory aspects of pharmaceutical packaging according to FDA and EU. 14
6. Write about the packaging materials
  - a) Glass 5
  - b) Polymers 5
  - c) Metals 4
7. Write a detailed note on printing and decoration of labels and leaflets. 14
8. Write a detail note on:
  - a) Blister packaging 7
  - b) Tamper evident packaging 4
  - c) Sachet packaging 3

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