

**Final Year B.Pharm Degree Supplementary Examinations January 2017**  
**PHARMACEUTICS - VI**  
**(Formulative & Industrial Pharmacy)**  
**(2012 scheme)**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Draw diagrams and equations wherever necessary.

**Essay**

**(3x10=30)**

1. Mention applications of coating of tablets. Explain the steps involved in sugar coating
2. Explain the aseptic processing of parenterals (injections). Add a note on vehicles used in parenteral preparations.
3. What are pharmaceutical aerosols. Explain the propellants used in aerosols. Add a note on valve assembly.

**Short notes**

**(14x5=70)**

4. Process validation
5. Nanoparticles – applications in pharmacy
6. Total parenteral nutrition
7. Plasma substitutes
8. Types of glasses used in parenteral preparations
9. Shaving cream
10. Mouth washes
11. Advantages of micro encapsulation
12. Disintegration test for tablets
13. Methods of filling of hard gelatin capsules
14. Preparation of catgut
15. Advantages of transdermal drug delivery
16. Cold cream
17. Requirements of ophthalmic products

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