

Final Year B.Pharm Degree Supplementary Examinations –

December 2015

**PHARMACEUTICS - VI
(Formulative & Industrial Pharmacy)**

Time: 3 Hours

Total Marks: 100

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

Essay

(3x10=30)

1. Explain various additives used in tablet technology. How granules are prepared by wet granulation technique.
2. Mention the quality control tests for parenterals. Explain pyrogen test with the interpretation of results.
3. Mention the applications of microencapsulation. Explain any two techniques of preparation of microencapsulation.

Short notes

(14x5=70)

4. Processing problems in tablet coating
5. Soft gelatin capsules-preparation technique
6. Antioxidants used in parenterals
7. Dialysis fluids
8. Quality control tests of aerosol preparations
9. Storage conditions of blood products
10. Nail polish
11. Mouth washes
12. Osmotically controlled systems – An overview
13. Evaluation of transdermal drug delivery systems
14. Performance evaluation of a process
15. Laminar air flow unit
16. Machinery used for preparing granules to be used for tableting
17. Capsule content and applications of soft gelatin capsules
