

**Final Year B.Pharm Degree Supplementary Examinations
December 2017
PHARMACEUTICS - VI
(Formulative & Industrial Pharmacy)
(2010 scheme)**

Time: 3 Hours

Total Marks: 100

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

Essay

(3x10=30)

1. Mention various evaluation tests of tablets. Explain disintegration test in detail. Explain the processing problems of tablets.
2. Mention the additives used in injections (sterile products). Add a note on antioxidants and tonicity contributors.
3. What are surgical ligatures and sutures. Explain the preparation and standardization of catgut.

Short notes

(14x5=70)

4. Process of manufacturing of gelatin used in capsules
5. Film coating
6. Preparation of sterile powders
7. Ophthalmic preparations-Ideal requirements
8. Propellants used in aerosols
9. Plasma substitutes
10. Face powders
11. Shaving cream
12. Niosomes
13. Process validation
14. Material used in film coating of tablets
15. Disintegrating agents used in tablets
16. Microencapsulation
17. Plastics employed for packaging
