

PY-701

B. Pharm. (Seventh Semester)

EXAMINATION, June, 2009

PHARMACEUTICS-IX

(Pharmaceutical Technology-D)

(PY-701)

Time : Three Hours

Maximum Marks : 70

Note : Attempt any *five* questions. All questions carry equal marks. It is desired to solve subparts of a question at one place only.

1. (a) Describe different methods of granulation on large scale. 7
(b) How are the tablets made on large scale ? 7
2. Write an exhaustive note on surgical products. 14
3. (a) Describe different propellents used in aerosols. How are the aerosols filled ? 7
(b) How are the aerosols evaluated ? 7
4. Give the method of collection, processing and storage of whole human blood, concentrated human RBCs, dried human plasma and human normal immunoglobulin. 14
5. (a) Describe the following additives required in the formulation of parenterals : 10

6. (a) Discuss the merits of various types of coatings on tablets. Describe sugar coating in detail. 7
(b) Write a note on ointment bases. 7
7. (a) Write an exhaustive note on capsules. 10
(b) How do you carry out weight variation test and disintegration time test in tablets ? 4
8. Write short notes on any *three* of the following : 14
 - (a) Plasma substitutes
 - (b) GMP and cGMP
 - (c) Displacement value (suppositories)
 - (d) Dry syrups
 - (e) Tablet defects

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