

PY-701

B. Pharm. (Seventh Semester)

EXAMINATION, Dec., 2010

PHARMACEUTICS—IX

(Pharmaceutical Technology—I)

(PY—701)

Time : Three Hours

Maximum Marks : 70

Note : Answer any five questions. All questions carry equal marks. Draw diagrams wherever necessary.

1. Discuss the manufacturing, packaging and evaluation of uncoated tablets. RGPVONLINE.COM 14
2. Give preparation, packaging, evaluation and problems encountered in manufacturing of suspensions. 14
3. (a) How are emulsions evaluated and packaged ? 9
(b) What are the means for improving emulsion stability ? 5
4. (a) How do ointments differ from creams ? Write a note on ointment bases. 10
(b) How are hydrogels useful in topical drug delivery ? 4
5. Enumerate suppository bases. Give quality control and packaging of suppositories. 14
6. (a) Describe the development of parenteral suspensions. 7
(b) Discuss the sterility test requirements in parenterals. 7
R T O.
7. (a) Give details about aerosol propellents and packaging. 9
(b) How are concentrated human RBCs collected, processed and stored ? RGPVONLINE.COM 5
8. Write notes on the following : $3\frac{1}{2}$ each
 - (i) Medical prosthetics
 - (ii) Human normal immunoglobulin
 - (iii) Dried human plasma
 - (iv) Bandages