

Rajiv Gandhi University of Health Sciences
First Year M.Pharm Degree Examination - May 2013

[Time: 3 Hours]

[Max. Marks: 100]

PREFORMULATION AND PRODUCTION MANAGEMENT**(RS 2 & RS 3)****Q.P. CODE: 9282**

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY (Answer any TWO)**2 X 20 = 40 Marks**

1. Explain preformulation study of tablets
2. Submit a sketch and a brief discussion on layout plan of a typical manufacturing section designed for small volume parenterals
3. Discuss on various techniques for enhancing solubility of poorly soluble drugs

SHORT ESSAY (Answer any FIVE)**5 X 10 = 50 Marks**

4. Write on industrial hazards due to fire accidents
5. Explain stores management in detail
6. Elaborate on the need to carry out validation in parenteral unit
7. Explain in detail EOQ method in inventory control
8. Centralized and decentralized purchasing
9. Elaborate on various elements of costs in inventory

SHORT NOTES**2 X 5 = 10 Marks**

10. Industrial effluent treatment
11. Explain pollution act

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