

**Rajiv Gandhi University of Health Sciences**  
**First Year M. Pharm Degree Examination - Oct/Nov 2014**

[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. Discuss the optimization techniques in pharmaceutical formulation and processing
2. Write on distribution and measurement of forces within the powder mass undergoing compression
3. Discuss in detail about safety in pharmaceutical

**SHORT ESSAY (Answer any FIVE)**

**5 X 10 = 50 Marks**

4. Write a note on total quality management
5. Brief the procedure for applying patent in India
6. Discuss the preformulation stability studies
7. Write a note on reorder quantity method and safety stock
8. Discuss the formulation of medicated lozenges
9. Write a note on material handling system

**SHORT NOTES**

**2 X 5 = 10 Marks**

10. Discuss centralized and decentralized purchasing
11. Write in brief on stores management

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