PREFORMULATION AND PRODUCTION MANAGEMENT (RS2 & RS3)

Q.P. CODE: 9282

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

LONG ESSAY (Answer any TWO)

- Explain how preformulation studies of liquid orals undertaken. 1.
- 2. Explain β -cyclodextrin drug dispersion system.
- 3. Discuss in detail about ISO 9000 series and total quality management.

SHORT ESSAY (Answer any FIVE)

- 4. Write a note on vendor development.
- 5. Discuss the procedure for applying international patent.
- 6. Salient features of GMP
- 7. Effluent treatment in pharmaceutical industry
- 8. List out the industrial hazards in a Pharma-industry and the preventive measures
- 9. Explain reorder quantity and EOQ methods in inventory management.

SHORT NOTES

- Elements and benefits of QbD 10.
- 11. Human resource development

2016

[Max. Marks: 100]

2 X 5 = 10 Marks

2 X 20 = 40 Marks

5 X 10 = 50 Marks

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[Time: 3 Hours]