

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

[Time: 3 Hours]

[Max. Marks: 100]

FORMULATION TECHNOLOGY AND VALIDATION**PAPER II****(RS 2 & RS 3)****Q.P. CODE: 9292**

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 the term Validation in detail. Write the Validation aspects of air handling equipment and facilities in sterile and non-Sterile areas.
2. Write a detailed note on Pre-Formulation studies. Add a note on protocol for Pre-Formulation Studies.
3. Write a detailed note on Formulation, evaluation and Quality control aspects of Tablets.

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

4. Write a note on Quality control Aspects of Plastic Containers for Pharmaceuticals.
5. Explain Formulation and Evaluation of Personal and Hygiene Products.
6. Write a note on different solubilization techniques.
7. Explain the accelerated stability studies and shelf life prediction.
8. Write a note on Validation of Analytical Procedures.
9. Write a note on Validation of mixing and filtration process.

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

10. Hair Care Products.
11. Protocol for Physical Stability Testing Process.

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