

Kajiv Gandhiwwniivensiteycorf Health Scikenceson

First Year M.Pharm Degree Examination – May 2011

[Time: 3 Hours]

## **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)

- What is validation? Explain in detail. Write a detailed note on Validation and Calibration of analytical 1. Equipment.
- Describe the Formulation and evaluation of Transdermal products. 2.
- Write a note on protocol for Pre-Formulation studies. 3.

## SHORT ESSAY (Answer any FIVE)

- Describe the different types of Solubilisation Techniques. 4.
- 5. Write a note on Accelerated Stability Studies and Shelf life Prediction.
- Write a note on quality control aspects of Plastic containers for Parenterals. 6.
- Write a detailed note on validation of dry heat and moist heat sterilization 7.
- Explain in detail the validation of water supply systems. 8.
- Write a note on Formulation, evaluation and quality control aspects of Dental Products. 9. -s. www.firstranker \*\*\*\*

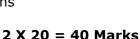
#### SHORT NOTES

- **Baby Care Products** 10.
- Evaluation of suppositories. 11.

2 X 5 = 10 Marks

[Max. Marks: 100]





5 X 10 = 50 Marks