

[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. Write a detailed note on Accelerated Stability and Shelf Life Assignment of Pharmaceuticals.
2. What do you mean by validation? Explain in detail. Write a detailed note on Validation of Sterilization methods and equipment.
3. Explain the Formulation, Evaluation and Quality Control Aspects of Skin Care products.

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

4. Write a note on different methods of solubilization
5. Role of Polymorphism in Pre-Formulation Studies.
6. Explain the formulation and evaluation aspects of Parenteral preparations
7. Write a note on Validation of Mixing and Granulation Process.
8. Write a note on Validation of Security measures for electronic data Processing.
9. Write a note on Flexible Packaging.

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

10. Evaluation of dental products
11. Explain different types of baby care products

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