



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. Describe formulation and evaluation of sustained release formulation.
2. Describe the formulation and evaluation of Transdermal products.
3. Describe the accelerated stability studies and shelf life assignment.

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

4. Describe in detail various types of validation in tablet manufacture.
5. Discuss solubilization techniques.
6. Describe the validation of water supply systems.
7. Describe the formulation and quality control of Baby care products.
8. Validation of sterilization methods.
9. Describe the validation of analytical procedures.

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

10. Personal hygiene products.
11. Evaluation of gels.

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