

Rajiv Gandhi University of Health Sciences, Karnataka
First Semester M. Pharm Degree Examination - 14-May-2025

[Time: 3 Hours]

[Max. Marks: 75]

MODERN PHARMACEUTICS

Q.P. CODE: 5129

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

Answer All The Questions

10 x 7.5 = 75 Marks

1. Discuss in detail theories of dispersion related to suspensions and emulsions.
2. Explain production and material management.
3. Describe various stages involved in calibration and validation of master plan.
4. Explain various consolidation parameters of tablet in detail.
5. Explain evaluation of small volume parenterals.
6. Explain contour design and response surface method in optimization.
7. Explain the concept and benefits of TQM.
8. Explain in brief DQ, IQ, and PQ of any processing equipment.
9. Explain solubility enhancing techniques.
10. Explain services, equipments and their maintenance.

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