

Rajiv Gandhi University of Health Sciences, Karnataka

First Semester M. Pharm Degree Examination - 09-Dec-2020

Time: Three Hours

Max. Marks: 75 Marks

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. Write the pre-formulation studies for a new drug molecule.
2. Define optimization. Discuss the optimization techniques used in pharmaceutical formulation.
3. Discuss in detail about the ICH guidelines for validation of equipments.
4. Explain the fundamental principles involved in the compression and compaction of material.
5. Explain the objectives and policies of cGMP.
6. Explain the term EOQ and ROQ in purchasing of raw materials. Define sales forecasting.
7. Explain the concept of TQM.
8. Explain f1 and f2 similarity factors. Write about Heckel plots.
9. Discuss about student T test ANOVA test.
10. Explain the formulation of self emulsifying drug delivery system.

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