

Rajiv Gandhi University of Health Sciences, Karnataka
First Semester M. Pharm Degree Examination - 22-Jul-2022

[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. Mention objective of production planning. Explain elements of production control.
2. Define inventory management. Explain in detail different techniques of inventory control.
3. Define optimization. List out types of experimental design? Explain any one optimization technique in detail.
4. Explain significance of student T-test. Explain criteria to apply ANOVA.
5. What is sales forecasting? Explain forecasting model.
6. Explain ejection contract, transition package and deformation of powder materials.
7. Explain V-model approach for qualification and validation.
8. Explain concepts and benefits of TQM.
9. Explain factors such as particle size and moisture content on compression tablet.
10. Explain the formulation of sterile suspension. How do you maintain their stability?

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