

Rajiv Gandhi University of Health Sciences, Karnataka

Second Semester M. Pharm Degree Examination - 07-Nov-2023

Time: Three Hours

Max. Marks: 75

PRINCIPLES OF DRUG DISCOVERY

Q.P. CODE: 5179

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. Enumerate the modern methods in drug discovery and development
2. Write about the methods of lead identification
3. Explain the concepts of rational drug design
4. Mention the applications of molecular docking
5. Add a note on basic concept of pro drugs to improve patient acceptability
6. What are the methods followed in traditional drug design?
7. Write in detail about rigid docking
8. Illustrate the role of nucleic acid micro assays
9. Explain manual docking
10. Discuss the relationship between Hansch analysis and Feewilson analysis

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