

Rajiv Gandhi University of Health Sciences, Karnataka

Second Semester M. Pharm Degree Examination - 08-Nov-2024

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. Describe the role of transgenic animals in target validation
2. Mention the application of NMR and X-ray crystallography in protein structure prediction
3. Enumerate the methods of rational drug design
4. Write a note on drug likeness screening
5. Explain in detail about de novo drug design
6. Add a note on 3D-QSAR approaches in statistical methods
7. Write a note on high throughput screening
8. Write in detail about antisense technologies
9. Explain the different levels of protein structure
10. Discuss the basic concepts of pro drug design

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