BP807ET: COMPUTER AIDED DRUG DESIGN(THEORY)

UNIT 4: INFORMATICS & METHODS IN DRUG DESIGN

QUESTION TYPE	QUESTIONS	MAPPING (TNMGRMU / GPAT / NIPER / PHARMA)	YEAR (Asked/Expected)	BLOOM'S TAXONOMY
2 Mark	Define Bioinformatics.	TNMGRMU	Repeated	Remember
2 Mark	What is Chemoinformatics?	TNMGRMU / GPAT	2019–2024	Remember
2 Mark	Expand ADME.	TNMGRMU / GPAT	Repeated	Remember
2 Mark	Mention any two ADME databases.	TNMGRMU / GPAT	2021	Remember
2 Mark	What is a chemical database?	TNMGRMU	Repeated	Understand
2 Mark	Name two biochemical databases.	TNMGRMU / GPAT	2022	Remember
2 Mark	Write any two applications of bioinformatics in drug design.	TNMGRMU / NIPER	2023	Understand
2 Mark	What is PubChem?	TNMGRMU / GPAT	2020	Remember
2 Mark	What is DrugBank?	GPAT / Industry	2021	Remember
2 Mark	Define pharmaceutical database with one example.	TNMGRMU	Repeated	Understand

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5 Mark	Explain the role of bioinformatics in drug discovery.	TNMGRMU / NIPER	2022	Understand
5 Mark	Write a short note on chemoinformatics and its applications.	TNMGRMU / GPAT	2021	Understand
5 Mark	Describe ADME databases with examples.	TNMGRMU / GPAT	2023	Apply
5 Mark	Write a note on chemical databases used in drug design.	TNMGRMU	Repeated	Understand
5 Mark	Explain biochemical databases with suitable examples.	TNMGRMU / GPAT	2020	Understand
5 Mark	Discuss the importance of pharmaceutical databases.	TNMGRMU / Industry	2022	Apply
5 Mark	Compare bioinformatics and chemoinformatics.	NIPER	2023	Analyze
5 Mark	Explain the significance of databases in CADD.	TNMGRMU / GPAT	Repeated	Apply

QUESTION TYPE	QUESTIONS	MAPPING (TNMGRMU / GPAT/NIPER/PHARMA)	YEAR	BLOOM'S TAXONOMY
10 Mark	Elaborate on ADME databases and their role in drug discovery and development.	TNMGRMU / GPAT / Industry	2023	Evaluate
10 Mark	Explain chemical, biochemical, and pharmaceutical databases with examples.	TNMGRMU	Repeated	Understand
10 Mark	Discuss various databases used in computer-aided drug design.	TNMGRMU / NIPER	2022	Analyze
10 Mark	Write a detailed account of informatics methods used in drug design.	NIPER	2023	Create
10 Mark	Describe chemoinformatics, its tools, applications, and importance in CADD.	TNMGRMU / GPAT	2021–2024	Analyze
10 Mark	Explain bioinformatics in detail and discuss its role in modern drug design.	TNMGRMU / NIPER	Repeated	Analyze