

QUESTION BANK

BP 807 ET: COMPUTER AIDED DRUG DESIGN

UNIT 1: INTRODUCTION TO DRUG DISCOVERY AND DEVELOPMENT

S.NO	QUESTION TYPE	QUESTIONS	MAPPING TO TNMGRMU, GPAT, NIPER	BLOOM'S TAXONOMY
1	2-Marks	Define Lead discovery .	TNMGRMU (Dec 2021, May 2023), GPAT (2021, 2023), NIPER (2022)	Remembering
2	2-Marks	What is serendipitous drug discovery ? Give one example.	TNMGRMU (Oct 2022), GPAT (2022), NIPER (2021)	Remembering
3	2-Marks	Define bioisosterism .	TNMGRMU (Mar 2023, Oct 2024), GPAT (2023, 2024), NIPER (2023)	Remembering
4	2-Marks	Name two random screening methods used in lead discovery.	GPAT (2022, 2024), NIPER (2023)	Remembering
5	2-Marks	What is analog-based drug design ?	TNMGRMU (May 2022), GPAT (2023), NIPER (2022)	Remembering
6	2-Marks	Define non-random (or directed) screening .	TNMGRMU (Aug 2023), GPAT (2024)	Remembering
7	2-Marks	Give two examples of bioisosteric replacements .	TNMGRMU (Dec 2023), GPAT (2021), NIPER (2024)	Remembering
8	2-Marks	What is lead discovery based on traditional medicine ?	TNMGRMU (May 2024), GPAT (2024)	Remembering
9	2-Marks	Define rational drug design .	TNMGRMU (Oct 2024), GPAT (2023), NIPER (2023)	Remembering
10	2-Marks	Name one drug discovered via clinical observation .	GPAT (2022), NIPER (2021)	Remembering
11	2-Marks	Why is drug metabolism considered in lead discovery?	NIPER-2024	Analyzing