

**SNS COLLEGE OF PHARMACY AND HEALTH SCIENCES
COIMBATORE**



QUESTION BANK – UNIT I

PHARMACEUTICAL ANALYSIS I (THEORY)

S.No	Question Type	Questions	Mapping (TNMGRMU / GPAT) with Year	Bloom's Taxonomy
1	2-Marks	Define pharmaceutical analysis.	TNMGRMU (2021), GPAT (2019)	Remembering
2	2-Marks	What is a primary standard?	TNMGRMU (2020), GPAT (2019)	Remembering
3	2-Marks	State Beer–Lambert's law.	TNMGRMU (2022), GPAT (2022)	Remembering
4	2-Marks	Define normality.	TNMGRMU (2020)	Remembering
5	2-Marks	What is λ_{max} ?	GPAT (2023)	Remembering
6	5-Marks	Define pharmaceutical analysis and explain its importance.	TNMGRMU (2020)	Understanding
7	5-Marks	Explain primary and secondary standards with examples.	GPAT (2019)	Understanding
8	5-Marks	Explain the principle of UV spectrophotometry.	GPAT (2021)	Understanding
9	5-Marks	Write a note on indicators used in acid–base titrations.	TNMGRMU (2022)	Understanding
10	5-Marks	Write a short note on errors in pharmaceutical analysis.	TNMGRMU (2023)	Analyzing
11	10-Marks	Explain the principle, instrumentation	TNMGRMU (2022)	Analyzing

		and applications of UV–Visible spectrophotometry.		
12	10-Marks	Describe acid–base titrations including theory, indicators and applications.	TNMGRMU (2021)	Applying
13	10-Marks	Discuss Beer–Lambert’s law with limitations and applications.	GPAT (2020)	Analyzing
14	10-Marks	Explain the principle, construction and working of flame photometer.	TNMGRMU (2019)	Analyzing
15	10-Marks	Describe non-aqueous titration with suitable examples.	GPAT (2023)	Applying