

SNS COLLEGE OF PHARMACY AND HEALTH SCIENCES



UNIT 1

COURSE NAME: INDUSTRIAL PHARMACY-II

TOPIC: PILOT PLANT

2 MARKS

S.No	Questions	Mapping from TNMGRMU / GPAT / DI / Interview	Bloom's Taxonomy
1	Define pilot plant.	MGR Univ PYQ 2019; GPAT 2018; Viva	Remembering
2	State objectives of pilot plant.	GPAT 2017; Pharmacist Exam; Interview	Remembering
3	Define SUPAC.	MGR Univ PYQ 2021; GPAT 2016	Remembering
4	Types of SUPAC guidelines.	MGR Univ PYQ 2022; Interview	Understanding
5	Define platform technology.	MGR Univ PYQ 2020; DI Exam	Remembering
6	Raw material considerations in scale-up.	GPAT 2015; Pharmacist Exam	Remembering
7	Personnel requirement in pilot plant.	MGR Univ PYQ 2018; GPAT 2019	Remembering
8	Space requirement in scale-up.	MGR Univ PYQ 2017; GPAT 2020	Remembering
9	Define process validation.	MGR Univ PYQ 2021; GPAT 2016	Remembering
10	Importance of documentation.	MGR Univ PYQ 2022; Viva	Understanding

5 MARKS

S.No	Questions	Mapping from TNMGRMU / GPAT / DI / Interview	Bloom's Taxonomy
1	General considerations in pilot plant scale-up.	MGR Univ PYQ 2020; GPAT 2018	Understanding
2	Scale-up of solid dosage forms.	MGR Univ PYQ 2019; Pharmacist Exam	Applying
3	Scale-up of liquid dosage forms.	MGR Univ PYQ 2021; Interview	Analyzing

SNS COLLEGE OF PHARMACY AND HEALTH SCIENCES



4	Scale-up of semisolids.	MGR Univ PYQ 2022; GPAT 2017	Evaluating
5	SUPAC guidelines – overview.	MGR Univ PYQ 2018; GPAT 2019	Remembering/Understanding
6	Regulatory importance of SUPAC.	MGR Univ PYQ 2019; GPAT 2016	Understanding
7	Platform technology – concept.	MGR Univ PYQ 2020; GPAT 2015	Understanding
8	Examples of platform technologies.	MGR Univ PYQ 2022; GPAT 2017	Applying
9	Process validation in scale-up.	MGR Univ PYQ 2021; DI Exam	Evaluating
10	GMP in pilot plant.	MGR Univ PYQ 2018; GPAT 2020	Analyzing

10 MARKS

S.No	Questions	Mapping from TNMGRMU / GPAT / DI / Interview	Bloom's Taxonomy
1	Factors involved in pilot plant scale-up.	MGR Univ PYQ 2021; GPAT 2019	Analyzing/Evaluating
2	Scale-up of solids, liquids and semisolids.	MGR Univ PYQ 2020; GPAT 2018; DI Exam	Analyzing/Creating
3	SUPAC guidelines and regulatory filings.	MGR Univ PYQ 2022; GPAT 2017	Evaluating
4	Platform technology with examples.	MGR Univ PYQ 2019; GPAT 2016	Applying/Analyzing
5	Documentation and GMP in scale-up.	MGR Univ PYQ 2018; GPAT 2020	Evaluating/Creating
6	Pilot plant layout and design.	MGR Univ PYQ 2019; GPAT 2016	Understanding
7	Technology scale-up challenges.	MGR Univ PYQ 2020; GPAT 2015	Understanding
8	Quality assurance in scale-up.	MGR Univ PYQ 2022; GPAT 2017	Applying
9	Process validation strategies.	MGR Univ PYQ 2021; DI Exam	Evaluating
10	Case study on scale-up failure.	MGR Univ PYQ 2018; GPAT 2020	Analyzing