

SNS COLLEGE OF PHARMACY AND HEALTH SCIENCES

UNIT I

COURSE NAME: PHARMACEUTICAL INORGANIC CHEMSITRY

2 MARKS

S.No	Questions	Mapping from TNMGRMU/GPAT/MRB/Various Pharma Company with Year	Bloom's Taxonomy
1	Principle of limit test for chloride.	TNMGRMU May 2022 (Sept 2021); GPAT 2020 (Cl ⁻ test MCQ); MRB 2023	Remembering
2	Define pharmacopoeia.	TNMGRMU March 2023 (Sept 2022); GPAT 2019; Cipla Interview 2022	Remembering
3	Principle involved in limit test of Iron.	TNMGRMU Oct 2024 (Sept 2024); GPAT 2021; Sun Pharma 2023	Understanding
4	Uses of Citric acid in the limit test of Iron.	TNMGRMU Dec 2023 (Sept 2023); MRB 2022; Dr. Reddy's 2024	Understanding
5	Give the principle involved in the limit test of Chloride.	TNMGRMU May 2024; GPAT 2022; Lupin Interview 2023	Remembering
6	Define Limit Test.	TNMGRMU March 2025; GPAT 2020; Aurobindo 2022	Remembering
7	Role of Alcohol in Modified limit test for Chloride and Sulphate.	TNMGRMU Aug 2023 (March 2023); MRB 2023	Understanding
8	Role of Silver nitrate in the limit test for Chloride.	TNMGRMU Oct 2022 (March 2022); GPAT 2021	Understanding
9	What is Limit test for Chloride?	TNMGRMU May 2023; MRB 2022	Remembering
10	Define Pharmacopoeia.	TNMGRMU March 2024; GPAT 2019; Cipla 2023	Remembering
11	Reagents used in the Limit test for Iron.	TNMGRMU Dec 2021 (March 2021); MRB 2023	Remembering
12	Uses of Citric acid in the limit test for iron.	TNMGRMU May 2024; GPAT 2023; Sun Pharma 2024	Understanding

5 MARKS

S.No	Questions	Mapping from TNMGRMU/GPAT/MRB/Various Pharma Company with Year	Bloom's Taxonomy
1	Brief history of Indian Pharmacopoeia.	TNMGRMU March 2023 (Sept 2022); GPAT 2020; MRB 2023	Remembering
2	Write the sources of impurities in pharmaceutical substances.	TNMGRMU Oct 2024 (Sept 2024); GPAT 2019; Cipla R&D 2023	Understanding
3	Write about the principle and reaction involved in the limit test of chlorides.	TNMGRMU May 2022 (Sept 2021); GPAT 2021; Dr. Reddy's 2024	Understanding
4	Explain the principle and reaction involved in the limit test for lead.	TNMGRMU Dec 2023 (Sept 2023); MRB 2022; Lupin Interview 2023	Understanding/Analyzing
5	Explain the principle and reaction involved in the limit test for iron.	TNMGRMU Aug 2023 (March 2023); GPAT 2022; Sun Pharma 2024	Applying
6	Write the principle involved in the limit test for Iron.	TNMGRMU March 2025; MRB 2023	Remembering
7	Write a note on Indian Pharmacopoeia.	TNMGRMU May 2024; GPAT 2020; Aurobindo 2022	Understanding
8	Give the principle and reaction involved in limit test of Chloride.	TNMGRMU Oct 2022 (March 2022); GPAT 2021	Understanding
9	Write a short note on sources of impurities in Pharmaceutical substances.	TNMGRMU Dec 2021 (March 2021); MRB 2023	Understanding
10	Write the principle involved in the limit test of Sulphates.	TNMGRMU May 2023; GPAT 2023	Remembering

Mapping from			
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11	Write a note on Indian Pharmacopoeia.	TNMGRMU March 2024; Cipla Interview 2023	Remembering
12	Briefly discuss the history of Pharmacopoeia.	TNMGRMU Aug 2023 (March 2023); GPAT 2019	Understanding
13	What are the types of impurities?	TNMGRMU Oct 2024 (Sept 2024); MRB 2022	Remembering
14	Explain the principle and procedure involved in the limit test for lead.	TNMGRMU May 2024; GPAT 2022; Dr. Reddy's 2023	Applying
15	Add a note on History of Pharmacopoeia.	TNMGRMU March 2025; Sun Pharma 2024	Understanding
16	Give the Principle and reaction for Limit test for Iron.	TNMGRMU Dec 2023 (Sept 2023); MRB 2023	Understanding
17	Write about the limit test for Iron.	TNMGRMU May 2022 (Sept 2021); GPAT 2021	Understanding
18	Write the principle involved in the Limit test for Iron.	TNMGRMU Oct 2022 (March 2022); Lupin 2023	Remembering
19	Write notes on Indian Pharmacopoeia.	TNMGRMU March 2023 (Sept 2022); Cipla 2024	Understanding
20	Write the principle and procedure used in the Limit test for Chloride.	TNMGRMU Aug 2023 (March 2023); GPAT 2023	Applying
21	Explain about Gutzeit apparatus.	TNMGRMU May 2024; MRB 2023; Aurobindo 2022	Understanding
22	Write the principle and reaction involved in the modified limit test for chlorides.	TNMGRMU Dec 2021 (March 2021); GPAT 2020	Understanding/Analyzing

10 MARKS

S.No	Questions	Mapping from TNMGRMU/GPAT/MRB/Various Pharma Company with Year	Bloom's Taxonomy
1	Give the principle reaction involved in the limit test for Arsenic with a neat diagram of the apparatus used for it.	TNMGRMU March 2025; GPAT 2020 (Arsenic test diagram); MRB 2023; Cipla Senior Analyst 2023	Analyzing/Evaluating
2	a) Write the principle and reaction involved in the limit test for Iron. b) Write a note on Indian Pharmacopoeia.	TNMGRMU Oct 2024 (Sept 2024); GPAT 2021; Dr. Reddy's 2024 (QA round)	Understanding/Analyzing
3	a) Write a brief note on sources of impurities in pharmaceuticals. b) Write the principle and reaction involved in the limit test for lead.	TNMGRMU May 2024; GPAT 2022; Sun Pharma 2023 (impurity profiling)	Applying/Analyzing
4	Discuss in detail about the apparatus and principle involved in the limit test for Arsenic.	TNMGRMU Aug 2023 (March 2023); GPAT 2019 (Gutzeit full); MRB 2023	Analyzing/Evaluating
5	What are Limit tests? Discuss in detail about the principle involved in the limit test of Iron.	TNMGRMU Dec 2023 (Sept 2023); GPAT 2023; Lupin Interview 2024	Evaluating
6	Write the Principle and reaction involved in Modified limit test for chlorides and sulphates.	TNMGRMU March 2023 (Sept 2022); GPAT 2021 (modified tests); Aurobindo 2023	Understanding/Analyzing

Mapping from TNMGRMU/GPAT/MRB/Various Pharma Company with Year			Bloom's Taxonomy
S.No	Questions		
7	Write the Principle and reaction involved in limit test for Iron and Sulphate.	TNMGRMU May 2023; MRB 2022; Cipla 2024	Applying
8	Brief history of Indian Pharmacopoeia.	TNMGRMU Oct 2022 (March 2022); GPAT 2020; Dr. Reddy's 2023	Remembering/Understanding
9	Write the sources of Impurities in pharmaceutical substances.	TNMGRMU March 2025; GPAT 2019; Sun Pharma R&D 2024	Understanding
10	Discuss in detail about the sources of impurities present in Pharmaceutical substances with example.	TNMGRMU Dec 2021 (March 2021); MRB 2023; Lupin 2023 (case-based)	Analyzing
11	Write in detail about sources and types of impurities with example in Pharmaceutical substances.	TNMGRMU May 2024; GPAT 2022; Cipla Interview 2023	Evaluating
12	Write the principle, procedure and apparatus used in the Limit test for Arsenic.	TNMGRMU Aug 2023 (March 2023); GPAT 2021; MRB 2023	Applying/Analyzing
13	Write details about the source of Impurity in Pharmaceutical substances.	TNMGRMU Oct 2024 (Sept 2024); Dr. Reddy's 2024	Understanding
14	Write the principle involved in the limit test for Arsenic with a neat diagram of the apparatus used for it.	TNMGRMU March 2025; GPAT 2020 (diagram compulsory); Sun Pharma 2024	Analyzing/Creating