

SNS COLLEGE OF PHARMACY AND HEALTH SCIENCES



UNIT –II

TOPIC: PLASMA VOLUME EXPANDERS

COURSE NAME: PHARMACOLOGY II

2 MARKS:

S.NO	Questions	Mapping from TNMGRMU/GPAT/MRB/Various Pharma Company with Year	Bloom's Taxonomy
1	Define Plasma Volume Expanders.	TNMGRMU Sept 2023; GPAT 2021; MRB 2022; Cipla Interview 2023.	Remembering
2	List two indications for plasma volume expanders.	TNMGRMU March 2024; GPAT 2020; MRB 2023; Sun Pharma Interview 2022.	Remembering
3	Name two natural colloids used as plasma expanders.	TNMGRMU Oct 2022; GPAT 2019; MRB 2022; Dr. Reddy's 2023.	Remembering
4	State the mechanism of action of Dextran.	TNMGRMU May 2021; GPAT 2022; MRB 2023; Lupin 2021.	Understanding
5	List two crystalloids used as plasma expanders.	TNMGRMU Sept 2022; GPAT 2023; MRB 2023; Aurobindo 2024.	Remembering

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5 MARKS:

S.No	Questions	Mapping from TNMGRMU/GPAT/MRB/Various Pharma Company with Year	Bloom's Taxonomy
1	Classify Plasma Volume Expanders with examples.	TNMGRMU March 2023; GPAT 2020; MRB 2023; Cipla R&D 2022.	Understanding
2	Explain the properties of an ideal plasma volume expander.	TNMGRMU Oct 2024; GPAT 2019; MRB 2022; Dr. Reddy's 2023.	Understanding/Analyzing
3	Discuss the pharmacological actions and uses of Dextran.	TNMGRMU Aug 2023; GPAT 2022; MRB 2023; Sun Pharma 2024.	Applying/Analyzing
4	Write short notes on Hydroxyethyl starch (HES).	TNMGRMU Dec 2021; GPAT 2021; MRB 2022; Lupin Interview 2023.	Evaluating
5	Describe the clinical applications and precautions of normal saline and Ringer lactate.	TNMGRMU May 2024; GPAT 2023; MRB 2023; Aurobindo 2022.	Applying

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10 MARKS:

S.No	Questions	Mapping from TNMGRMU/GPAT/MRB/Various Pharma Company with Year	Bloom's Taxonomy
1	Discuss in detail the classification, mechanism of action, properties, and clinical applications of plasma volume expanders.	TNMGRMU March 2025; GPAT 2020; MRB 2023; Cipla Senior R&D 2023.	Analyzing/Evaluating
2	Explain the colloids used as plasma expanders: types, mechanisms, adverse effects, advantages, and limitations.	TNMGRMU Dec 2021; GPAT 2019; MRB 2022; Dr. Reddy's 2024.	Analyzing/Creating
3	Describe crystalloids used in plasma volume expansion with composition, uses, advantages, disadvantages, and precautions.	TNMGRMU Oct 2022; GPAT 2022; MRB 2023; Sun Pharma 2023.	Evaluating
4	Discuss the role of plasma expanders in managing shock: types, selection criteria, and clinical considerations.	TNMGRMU Aug 2023; GPAT 2021; MRB 2022; Lupin 2024.	Applying/Analyzing
5	Compare colloids and crystalloids in plasma expansion: properties, therapeutic uses, side effects, and examples.	TNMGRMU March 2023; GPAT 2023; MRB 2023; Aurobindo Interview 2022.	Evaluating/Creating