

UNIT 2 – Coagulants

COURSE NAME: PHARMACOLOGY II

TOPIC: COAGULANTS / HEMOSTATICS

2 MARKS

S.NO	Questions	Mapping from TNMGRMU/GPAT/MRB/Various Pharma Company with Year	Bloom's Taxonomy
1	Define coagulants and mention their primary function.	TNMGRMU April 2023; GPAT 2021; MRB 2022	Remembering
2	List any two vitamin K analogues used as coagulants.	TNMGRMU March 2022; GPAT 2020; Pharma Interviews 2023	Remembering
3	Write the mechanism of action of Vitamin K.	TNMGRMU Sept 2024; GPAT 2019	Understanding
4	Mention two systemic coagulants with examples.	TNMGRMU May 2023; GPAT 2022	Remembering
5	Give two indications for the use of coagulants.	TNMGRMU Dec 2021; MRB 2022	Understanding

5 MARKS

S.NO	Questions	Mapping from TNMGRMU/GPAT/MRB/Various Pharma Company with Year	Bloom's Taxonomy
1	Classify coagulants with suitable examples.	TNMGRMU April 2024; GPAT 2020	Understanding
2	Explain the pharmacological actions and uses of Vitamin K.	TNMGRMU March 2023; GPAT 2019; MRB 2022	Understanding/ Analyzing
3	Write a short note on fibrin sealants and their applications.	GPAT 2021; Pharma R&D 2023	Applying
4	Discuss the role of calcium salts as coagulants.	TNMGRMU May 2022; GPAT 2020	Analyzing
5	Describe the therapeutic uses and adverse effects of systemic coagulants.	TNMGRMU Oct 2023; MRB 2023	Applying/Analyzing

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, properties, advantages, and clinical applications of coagulants.	TNMGRMU March 2025; GPAT 2020; MRB 2023	Analyzing/Evaluating
2	Elaborate the role of Vitamin K in coagulation: pharmacokinetics, pharmacodynamics, therapeutic uses, and limitations.	TNMGRMU Sept 2023; GPAT 2022	Evaluating
3	Explain the different types of local hemostatics, their mechanism of action, advantages, and clinical uses.	TNMGRMU May 2024; MRB 2022	Analyzing/Creating
4	Describe the biochemical basis of coagulation and how coagulants act at different stages of the pathway.	GPAT 2021; Pharma Company Interviews 2024	Analyzing
5	Compare and contrast systemic vs. local coagulants with examples, mechanisms, and therapeutic applications.	TNMGRMU Dec 2022; GPAT 2023; MRB 2023	Evaluating/Creating