

**SNS COLLEGE OF PHARMACY
AND HEALTH SCIENCES**



UNIT 2 – HEMATINICS

COURSE NAME: PHARMACOLOGY II

TOPIC: DRUGS USED AS HEMATINICS

2 MARKS:

S.No	Questions	Mapping from TNMGRMU/GPAT/MRB/Pharma Companies (Year)	Bloom's Taxonomy
1	Define hematinics.	TNMGRMU May 2023; GPAT 2020 (basic anemia Qs); MRB 2022	Remembering
2	List any two iron preparations used orally.	TNMGRMU Oct 2024; GPAT 2022 (iron salts); MRB 2023	Remembering
3	Mention two parenteral iron preparations.	TNMGRMU Dec 2022; GPAT 2021; Cipla Production 2023	Remembering
4	State the role of folic acid in erythropoiesis.	TNMGRMU March 2024; GPAT 2020; MRB 2023	Understanding
5	Give two clinical uses of Vitamin B12.	GPAT 2021; TNMGRMU 2022 (megaloblastic anemia); Sun Pharma 2024	Understanding
6	Name two causes of iron deficiency anemia.	TNMGRMU May 2022; GPAT 2019; MRB 2023	Remembering
7	Write any two adverse effects of oral iron therapy.	TNMGRMU Oct 2023; GPAT 2019	Remembering
8	What is megaloblastic anemia?	TNMGRMU 2024; GPAT 2021	Remembering
9	Name two hematopoietic growth factors.	GPAT 2023; MRB 2022; Dr. Reddy's Interview 2023	Remembering
10	Write two symptoms of severe anemia.	TNMGRMU Dec 2021; GPAT 2020	Remembering

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5 MARKS:

S.No	Questions	Mapping from TNMGRMU/GPAT/MRB/Pharma Companies (Year)	Bloom's Taxonomy
1	Classify iron preparations with examples.	TNMGRMU May 2024; GPAT 2020; MRB 2023	Understanding
2	Explain the mechanism of absorption and transportation of iron.	GPAT 2022; TNMGRMU March 2023; Cipla R&D 2024	Understanding / Analyzing
3	Write notes on parenteral iron therapy (indications, preparations, ADRs).	TNMGRMU Dec 2021; MRB 2022; Sun Pharma 2023	Applying
4	Describe the therapeutic role of folic acid and Vitamin B12 in anemia.	TNMGRMU Oct 2023; GPAT 2021; MRB 2023	Understanding
5	Discuss the adverse effects and contraindications of iron therapy.	TNMGRMU 2022; GPAT 2019; Aurobindo Pharma 2024	Analyzing
6	Explain the role of erythropoietin in anemia management.	TNMGRMU March 2024; GPAT 2023; Dr. Reddy's 2023	Understanding / Applying

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10 MARKS:

S.No	Questions	Mapping from TNMGRMU/GPAT/MRB/Pharma Companies (Year)	Bloom's Taxonomy
1	Discuss the introduction, causes of anemia, classification of hematinics, and detailed pharmacology of iron preparations.	TNMGRMU May 2024; GPAT 2020; MRB 2023	Analyzing/Evaluating
2	Explain the pharmacology of Vitamin B12 and folic acid including mechanism, deficiency manifestations, therapeutic uses, and interactions.	TNMGRMU Oct 2023; GPAT 2021; Sun Pharma 2024	Evaluating
3	Elaborate on oral vs parenteral iron therapy: advantages, disadvantages, pharmacokinetics, and clinical indications.	TNMGRMU Dec 2022; GPAT 2019; Cipla R&D 2023	Analyzing
4	Describe hematopoietic growth factors: classification, mechanism, clinical applications, and adverse effects.	GPAT 2023; MRB 2022; Dr. Reddy's 2024	Analyzing/Creating
5	Discuss iron metabolism in detail—absorption, transport, storage, regulation, and	TNMGRMU 2024; GPAT 2020; MRB 2023	Evaluating/Creating

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	disorders related to iron deficiency.		
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