

SNS COLLEGE OF ALLIED HEALTH SCIENCE, COIMBATORE -35
(Affiliated to the Tamil Nadu Dr M.G.R Medical University, Chennai)
B.Sc. CARDIOPULMONARY PERFUSION CARE TECHNOLOGY
SUBJECT: 1401 - PHYSIOLOGY



UNIT I - THE BLOOD - QUESTION BANK

REFERENCE - THE TAMILNADU DR. M.G.R MEDICAL UNIVERSITY QUESTION PAPER

I. ELABORATE ON

10 MARKS

S.No	Question	Reference Year and Month	Bloom's Taxonomy
1	Discuss in detail the different stages of Erythropoiesis.	August 2011	Analyze
2	Mention the composition and functions of blood. Write in detail about functions of WBC.	August 2015	Understand
3	Mention the composition and functions of blood, what is Anemia?	February 2016	Understand
4	Mention the composition and functions of blood.	March 2021	Understand
5	Explain Blood under the following headings: A) Composition B) Functions C) Blood Groups.	November 2022	Understand
6	Discuss in detail the different stages of Erythropoiesis. Define Anaemia.	August 2018	Analyze
7	Mention the composition and functions of blood. Write in detail about functions of WBC.	August 2019	Understand
8	Illustrate the reactions of blood coagulation. Discuss the initiation of blood coagulation and the formation and stabilization of fibrin.	February 2014	Analyze
9	Write in detail the mechanism of clotting of blood.	February 2017	Understand
10	Name the Clotting factors. Explain the mechanism of Hemostasis.	November 2023	Understand
11	What is Haemostasis? List the clotting factors. Discuss the steps of Blood Coagulation.	April 2024	Analyze

II. WRITE NOTES ON

5 MARKS

S.No	Question	Reference Year and Month	Bloom's Taxonomy
1	Clotting factors.	August 2014	Remember
2	Platelet formation and function.	February 2015	Understand
3	Functions of Platelets.	August 2015	Understand
4	Functions of hemoglobin.	August 2015	Understand
5	Describe the pathway of clotting mechanism?	February 2013	Understand

B.Sc. CARDIOPULMONARY PERFUSION CARE TECHNOLOGY

6	Define hemostasis and add a note on clotting mechanism.	August 2012	Understand
7	Functions of RBC.	February 2016	Understand
8	Functions of WBC.	February 2016	Understand
9	Functions of Plasma Proteins.	August 2016	Understand
10	Composition and Physical properties of Blood. Add a note on functions of RBC.	August 2016	Understand
11	Functions of WBC.	February 2017	Understand
12	Functions of Hemoglobin.	February 2017	Understand
13	Classify WBC's and Mention the functions of each.	August 2018	Understand
14	Functions of Haemoglobin.	February 2020	Understand
15	Describe the components of Blood.	April 2023	Understand
16	Blood grouping and Rh typing.	November 2023	Understand

III. WRITE SHORT NOTES ON

3 MARKS

S.No	Question	Reference Year and Month	Bloom's Taxonomy
1	Name the granulocytes and state their percentage in whole blood?	August 2012	Remember
2	Name the clotting factors.	August 2011	Remember
3	Name the blood groups.	August 2011	Remember
4	Blood typing.	August 2012	Remember
5	Functions of hemoglobin.	August 2011	Understand
6	Functions of blood.	February 2015	Understand
7	Function of platelets.	August 2016	Understand
8	Functions of Endoplasmic reticulum.	August 2016	Understand
9	Functions of platelets.	August 2019	Understand
10	Functions of Hemoglobin.	November 2022	Understand
11	Functions of Platelets.	April 2022	Understand
12	Name any three Clotting Factors.	November 2022	Remember