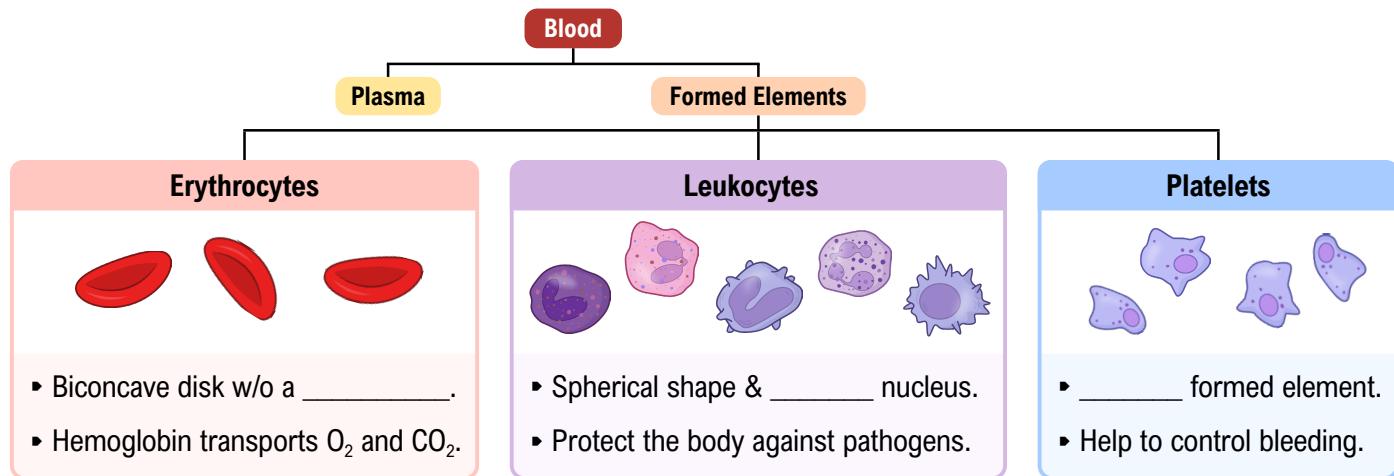


CONCEPT: OVERVIEW OF BLOOD

Introduction to Blood Components

- ◆ Fluid mixture of _____ and substances circulating throughout the cardiovascular system.
- ◆ The components of blood are:
 - **Plasma:** Fluid forms _____% of the blood. Contains mostly water, electrolytes, proteins, & other substances.
 - **Formed Elements:** Erythrocytes (_____ blood cells), leukocytes (_____ blood cells), and platelets.



EXAMPLE

Which of the following is a formed element of blood?

- a) Albumin.
- b) Cytokine.
- c) Hemoglobin.
- d) Erythrocyte.

PRACTICE

Which of the following statements is correct about blood?

- a) Hemoglobin in the red blood cells binds to O₂ but not to CO₂.
- b) Platelets play an important role in blood clotting.
- c) White blood cells are the smallest of the formed elements.
- d) Plasma constitutes about half of the blood and is mostly protein.