

The Human Circulatory System

Biology · Answer Key · 10 Questions

1. How many chambers does the human heart have?

- A) 2
- B) 3
- C) 4**
- D) 5

2. Which blood vessels carry blood away from the heart?

- A) Veins
- B) Arteries**
- C) Capillaries
- D) Venules

3. Where are blood cells produced?

- A) Lungs
- B) Heart
- C) Bone marrow**
- D) Liver

4. What is the primary function of red blood cells?

- A) Fight infections
- B) Clot blood
- C) Transport oxygen**
- D) Produce antibodies

5. Which component of blood is responsible for clotting?

- A) Plasma
- B) Platelets**
- C) White blood cells
- D) Red blood cells

6. What is the liquid part of the blood called?

- A) Plasma**
- B) Serum
- C) Hemoglobin
- D) Platelets

7. Which blood vessels have thin walls to allow for material exchange?

- A) Arteries
- B) Veins
- C) Capillaries**
- D) Aorta

8. Which structure in veins prevents the backflow of blood?

- A) Walls
- B) Valves**
- C) Muscles
- D) Cells

9. Which side of the heart typically pumps deoxygenated blood to the lungs?

- A) Right side**
- B) Left side
- C) Top side
- D) Bottom side

10. What gas is transported by blood to the body's tissues?

- A) Nitrogen
- B) Carbon dioxide
- C) Oxygen**
- D) Helium