The Human Circulatory System

Biology · Answer Key · 15 Questions

1. What are the three main components of the human circulatory system?

A) Heart, blood, and blood vessels
B) Lungs, heart, and stomach
C) Veins, arteries, and kidneys
D) Brain, heart, and lungs

2. What is the double-walled sac that encloses the heart called?

A) Pericardium
B) Septum
C) Atrium
D) Ventricle

3. How many chambers does the human heart have?

A) Two
B) Three
C) Four
D) Six

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

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

5. What substance in red blood cells carries oxygen?

A) Plasma
B) Platelets
C) Haemoglobin
D) White blood cells

6. Which type of blood cells helps fight infections and germs?

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

7. What is the function of platelets in the blood?

A) Transport oxygen
B) Fight infection
C) Clotting of blood
D) Regulate temperature

8. Which side of the heart receives deoxygenated blood from the body?

A) Left side
B) Right side
C) Both sides equally
D) Top side only

9. What separates the right and left sides of the heart?

A) Valve
B) Pericardium
C) Septum
D) Artery

10. What is the normal heartbeat range for a resting adult per minute?

A) 50-60
B) 70-75
C) 90-100
D) 110-120

11. What are thin-walled blood vessels that carry blood back to the heart?

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

12. Which blood vessel carries deoxygenated blood from the right ventricle to the lungs?

A) Pulmonary artery
B) Aorta
C) Vena cava
D) Pulmonary vein

13. What is the fluid part of the blood called?

A) Platelets
B) Plasma
C) Haemoglobin
D) Serum

14. Where does the exchange of gases take place in the body?

A) Heart
B) Lungs
C) Liver
D) Kidneys

15. What is the rhythmic beating of the arteries called?

A) Heartbeat
B) Pulse
C) Blood pressure
D) Circulation

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