

Circulatory System Quiz Answer Key PDF

Circulatory System Quiz Answer Key PDF

Disclaimer: The circulatory system quiz answer key pdf was generated with the help of StudyBlaze AI. Please be aware that AI can make mistakes. Please consult your teacher if you're unsure about your solution or think there might have been a mistake. Or reach out directly to the StudyBlaze team at max@studyblaze.io.

What type of blood vessel carries blood away from the heart?

- A. Veins
- B. Capillaries
- C. Arteries ✓**
- D. Lymphatics

Which valve is located between the left atrium and left ventricle?

- A. Tricuspid Valve
- B. Pulmonary Valve
- C. Mitral Valve ✓**
- D. Aortic Valve

Which component of blood is primarily responsible for oxygen transport?

- A. White Blood Cells
- B. Plasma
- C. Platelets
- D. Red Blood Cells ✓**

What is the main function of the pulmonary circulation?

- A. Supply oxygen to the body
- B. Remove waste products from tissues
- C. Oxygenate blood ✓**
- D. Distribute nutrients

Which chamber of the heart receives oxygenated blood from the lungs?

- A. Right Atrium
- B. Left Atrium ✓**
- C. Right Ventricle
- D. Left Ventricle

Which of the following is a common risk factor for hypertension?

- A. Low salt intake
- B. High physical activity
- C. Obesity ✓**
- D. Young age

Which of the following are functions of the circulatory system? (Select all that apply)

- A. TransportING oxygen and nutrients ✓**
- B. Producing hormones
- C. Removing waste products ✓**
- D. Regulating body temperature ✓**

What is the lifespan of a typical red blood cell?

- A. 30 days
- B. 60 days
- C. 90 days
- D. 120 days ✓**

Which of the following are phases of the cardiac cycle? (Select all that apply)

- A. DiASTOLIC ✓**
- B. SYSTOLIC ✓**
- C. Mitotic
- D. Ejection ✓**

Which lifestyle changes can help maintain a healthy circulatory system? (Select all that apply)

- A. Regular exercise ✓**
- B. Smoking

C. Balanced diet ✓

D. Excessive alcohol consumption

Which of the following are types of white blood cells? (Select all that apply)

A. Erythrocytes

B. Neutrophils ✓

C. Lymphocytes ✓

D. Platelets

Which of the following are symptoms of a heart attack? (Select all that apply)

A. Chest pain ✓

B. Shortness of breath ✓

C. Headache

D. Nausea ✓

What is the role of the sinoatrial (SA) node in the heart?

A. Pump blood to the lungs

B. Initiate the heartbeat ✓

C. Regulate blood pressure

D. Filter blood

What factors can influence blood pressure? (Select all that apply)

A. Heart rate ✓

B. Blood volume ✓

C. Blood vessel elasticity ✓

D. Body temperature