

# Multiple-choice test

## Chapter 9: Transport in Humans

Click on the correct answer to each question.

- 1 Into which chamber of the heart does oxygenated blood enter?  
  - A left atrium
  - B left ventricle
  - C right atrium
  - D right ventricle
- 2 Where does the pulmonary artery transport blood?  
  - A from the left atrium to the lungs
  - B from the lungs to the left atrium
  - C from the right ventricle to the lungs
  - D from the lungs to the right ventricle
- 3 What is the name of the vessels that supply the muscle in the heart walls with blood?  
  - A cardiac arteries
  - B cardiac veins
  - C coronary arteries
  - D coronary veins
- 4 Which component of blood transports oxygen?  
  - A plasma
  - B platelets
  - C red blood cells
  - D white blood cells
- 5 Which component of blood transports glucose?  
  - A plasma
  - B platelets
  - C red blood cells
  - D white blood cells

- S**
- 6 What is meant by a double circulatory system?
- A a system that contains arteries and veins
  - B a system where the blood goes through the heart twice on one complete circuit
  - C a system where the heart beats in two stages, diastole and systole
  - D a system with two hearts
- 7 What happens during diastole?
- A The heart beats faster.
  - B The heart beats more slowly.
  - C The heart muscle contracts.
  - D The heart muscle relaxes.
- 8 Why do arteries have more elastic walls than veins?
- A The blood in the arteries is at a higher pressure than the blood in veins.
  - B The blood in arteries is oxygenated, but the blood in veins is deoxygenated.
  - C There is more blood in arteries than in veins.
  - D There are no valves in arteries, but veins do have valves.
- 9 What happens when blood clots?
- A Insoluble fibrin is changed to soluble fibrinogen.
  - B Insoluble fibrinogen is changed to soluble fibrin.
  - C Soluble fibrin is changed to insoluble fibrinogen.
  - D Soluble fibrinogen is changed to insoluble fibrin.
- 10 How does lymph differ from blood?
- A It does not contain red cells.
  - B It does not contain water.
  - C It does not contain white cells.
  - D It does not travel in vessels.