

## Sample Questions

The following sample questions are intended to get you used to the style of question that I am likely to ask. They are all valid questions for this exam, but they do not necessarily reflect the content that you will actually see on the exam. Good luck!

1. If a blood cell is flowing through the superior vena cava, which chamber of the heart will it enter next?
  - a) The right ventricle
  - b) The left ventricle
  - c) The right atrium
  - d) the left atrium
  
2. If the difference in pressure between the heart and the aorta increases (and nothing else changes), which of the following will happen?
  - a) The cardiac output will increase
  - b) The cardiac output will decrease
  - c) The resistance in the aorta will increase
  - d) The resistance in the aorta will decrease
  
3. Which of the following vessels displays the greatest drop in pressure?
  - a) the muscular arteries
  - b) the arterioles
  - c) the capillaries
  - d) the large veins
  
4. Most of the CO<sub>2</sub> carried in the blood is in the form of...
  - a) gaseous CO<sub>2</sub> bubbles
  - b) HCO<sub>3</sub><sup>-</sup> ions
  - c) carbaminohemoglobin
  - d) dissolved oxygen
  
5. If a patient's Expiratory Reserve Volume is 1000ml and his/her Residual Volume is 500ml, what is his/her Functional Residual Capacity?
  - a) 500 ml
  - b) 1000ml
  - c) 1500ml
  - d) 2000ml