



Online Learning Center

[Student Center](#) | [Instructor Center](#) | [Information Center](#) | [Home](#)

Human Body Case Studies

[Animation Activities](#)
[Study Skills Primer](#)
[Additional Readings](#)
[Histology](#)
[Online Case Histories](#)
[GetBodySmart](#)
[Career Information](#)
[Cross-Sectional Miniatlas](#)
[Laboratory Exercises](#)
[Johnson Lab Explorations](#)
[BioCourse.com](#)
[Essential Study Partner](#)
[Message Board](#)

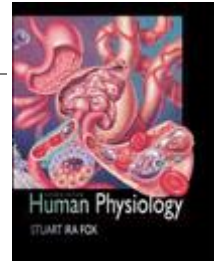
Chapter 13

[Chapter Summary](#)
[Chapter Objectives](#)
[Case Studies](#)
[Critical Thinking Exercises](#)
[Internet Activities](#)
[Chapter Weblinks](#)
[Study Guide](#)
[Crossword Puzzles](#)
[Flashcards](#)
[Labeling Exercises](#)
[True or False Quiz](#)
[Multiple Choice Quiz](#)
[Feedback Multiple Choice Quiz](#)
[Concentration](#)

[Feedback](#)
[Help Center](#)



Human Physiology, 7/e Stuart I Fox, Pierce College

Heart and Circulation




Results Reporter

Out of 13 questions, you answered 3 correctly, for a final grade of 23%.

3 correct (23%) 
 10 incorrect (77%) 
 0 unanswered (0%)

Please answer all questions

Your Results:

The correct answer for each question is indicated by a .

- 1 INCORRECT** Functions of plasma proteins include all of the following except

 - A)** blood clotting.
 - B)** immune responses.
 - C)** regulating heart rate.
 - D)** regulating blood volume.
- 2 INCORRECT** Which of the following formed elements is involved in blood clotting?

 - A)** Erythrocytes.
 - B)** Monocytes.
 - C)** Neutrophils.
 - D)** Thrombocytes.
- 3 INCORRECT** Blood cell synthesis

 - A)** occurs only in the bone marrow.
 - B)** is an identical process for all blood cells.
 - C)** is stimulated by varied chemicals.
 - D)** is inhibited by vitamin B₁₂.
- 4 INCORRECT** Individuals with blood type A would have which types of antibodies in their plasma?

 - A)** Anti-A.
 - B)** Anti-B.
 - C)** Both anti-A and anti-B.
 - D)** Neither anti-A nor anti-B.
- 5 CORRECT** Which of the following is true regarding blood clotting?

 - A)** A lack of Ca²⁺ decreases the rate at which the blood clot forms.
 - B)** Inherited clotting disorders can not be treated.
 - C)** Prostacyclin is required for platelets to adhere to the ruptured endothelium.

- D)** Fibrin is produced by the enzymatic cleavage of thrombin.
- 6 INCORRECT** The pH of the blood would decrease as a result of
- A)** hyperventilation.
 - B)** hypoventilation.
 - C)** excessive bicarbonate production.
 - D)** excessive vomiting.
- 7 INCORRECT** Which of the following is correct concerning the structure and function of the heart?
- A)** The right atrium receives blood from the pulmonary circulation.
 - B)** The chordae tendineae attach the semilunar valves to the walls of the ventricles.
 - C)** The left ventricle ejects blood into the pulmonary circulation.
 - D)** The bicuspid and mitral valves prevent blood from flowing into the atria from the ventricles.
- 8 CORRECT** Which of the following is correct regarding the events of the cardiac cycle?
- A)** Closure of the atrioventricular valves produces the first heart sound.
 - B)** Ventricular pressure is increasing during isovolumetric ventricular relaxation.
 - C)** Ventricular volume is the greatest at the end of systole.
 - D)** The semilunar valves close at the end of diastole.
- 9 INCORRECT** In the electrocardiogram
- A)** the P wave represents ventricular repolarization.
 - B)** the QRS complex represents depolarization of the ventricles.
 - C)** the T wave represents atrial depolarization.
 - D)** the atria repolarize during the time between the QRS complex and T wave.
- 10 INCORRECT** Regarding the circulatory system,
- A)** the arteries always contain blood that is high in oxygen.
 - B)** valves are found in the arteries and veins.
 - C)** capillaries are composed of a single cell layer.
 - D)** the skeletal muscle pump aids in driving blood flow through the arteries.
- 11 INCORRECT** Atherosclerosis
- A)** tends to be greater in people with high concentrations of HDLs in their blood.
 - B)** initially begins as a fibrous plaque in the arteries.
 - C)** is worsened by increased vitamin C and E intake.
 - D)** may be treated through diet and exercise.
- 12 INCORRECT** A patient enters the hospital complaining of chest pains. The results of an ECG indicate a depression in the S-T segment of the ECG. The most likely reason for this observation would be
- A)** a first-degree AV node block.
 - B)** atrial flutter.
 - C)** myocardial ischemia.
 - D)** tachycardia.

13 CORRECT The lymphatic system

- A)** returns interstitial fluid to the circulatory system.
 B) absorbs lipids from the small intestine.
 C) produces megakaryocytes.
 D) regulates the pH of the interstitial fluid.

Routing Information

Date: Wed Jan 02 05:09:15 EST 2013

My name:

Section ID:

Email these results to:

	Email address:	Format:
Me:	<input type="text"/>	<input type="button" value="HTML"/>
My Instructor:	<input type="text"/>	<input type="button" value="HTML"/>
My TA:	<input type="text"/>	<input type="button" value="HTML"/>
Other:	<input type="text"/>	<input type="button" value="HTML"/>

©2002 McGraw-Hill Higher Education

Any use is subject to the [Terms of Use](#) and [Privacy Notice](#).
[McGraw-Hill Higher Education](#) is one of the many fine businesses of [The McGraw-Hill Companies](#).