

## Test – Lesson 8 – Cardiac

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1. Which statements about the heart are true? (Select all that apply.)

- (A) The right ventricle pumps low oxygen blood at low pressure while the left ventricle pumps high oxygen blood at high pressure.
- (B) The valve separating the right atrium from the right ventricle is the mitral valve.
- (C) The pulmonary artery carries oxygenated blood.
- (D) The pulmonary vein carries oxygenated blood.

2. Which statements about the heart are true? (Select all that apply.)

- (A) Blood is pumped out of the right ventricle through the tricuspid valve.
- (B) During diastole, the tricuspid valve is open.
- (C) During systole, the right ventricle is completely emptied of blood.
- (D) The heart's valves are not fed by any arteries.

3. Which statement about the chordae tendineae is true?

- (A) The chordae tendineae are only attached to the aortic and mitral valves.
- (B) The chordae tendineae are only attached to the aortic and tricuspid valves.
- (C) The chordae tendineae are only attached to the tricuspid and mitral valves.
- (D) The chordae tendineae are attached to the aortic, tricuspid, and mitral valves.

4. Which statements about the heart's electrical system are true? (Select all that apply.)

- (A) The electrical system opens the pulmonary and aortic valves simultaneously.
- (B) The electrical impulse to begin contraction begins in the left atrium.
- (C) There are two electrical nodes: one for the atria and another for the ventricles.
- (D) The bundle of His conducts electricity to both ventricles.