

MULTIPLE CHOICE QUESTIONS

B.4.2. The Cardiac Systole

1. What is the correct sequence of events during the ventricular systole?
 - a. Ejection phase, isovolumetric relaxation phase and isovolumetric contraction phase
 - b. isovolumetric relaxation phase, ejection phase, and isovolumetric contraction phase
 - c. isovolumetric contraction phase, ejection phase, and isovolumetric relaxation phase
 - d. ejection phase, isovolumetric contraction phase and isovolumetric relaxation phase
 - e. ejection phase, isovolumetric relaxation phase and isovolumetric contraction phase
2. During the ejection phase of the cardiac systole, which cardiac valves are open?
 - a. The aorta valves and the pulmonary valves
 - b. The mitral valves and the tricuspid valves
 - c. The aorta valves, the pulmonary valves, the mitral valves and the tricuspid valves
 - d. All the cardiac valves are open
 - e. All the cardiac valves are closed
3. How many isovolumetric phases are there during a normal cardiac cycle?
 - a. 1
 - b. 2
 - c. 3
 - d. 4
4. During the cardiac systole, when do the aorta valves open?
 - a. At the beginning of the isovolumetric contraction phase
 - b. At the beginning of the ejection phase
 - c. At the end of the ejection phase
 - d. At the beginning of the isovolumetric relaxation phase
 - e. At the end of the isovolumetric relaxation phase
5. During the cardiac systole, when do the mitral valves open?
 - a. At the beginning of the isovolumetric contraction phase
 - b. At the beginning of the ejection phase
 - c. At the end of the ejection phase
 - d. At the beginning of the isovolumetric relaxation phase
 - e. At the end of the isovolumetric relaxation phase

Answers:

1. c.
2. a.
3. b.
4. b.
5. e.