

A&P 19

Cardiovascular

System Heart

MCQ

Author: OpenStax College

Published 2014

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4. Chapter: A&P 19 Cardiovascular System Heart MCQ

1. A&P 19 Cardiovascular System Heart MCQ Questions

4.1.1. Which of the following is not important in preventing backflow of b...

Author: OpenStax College

Which of the following is not important in preventing backflow of blood?

Please choose only one answer:

- chordae tendineae
- papillary muscles
- AV valves
- endocardium

Check the answer of this question online at QuizOver.com:

Question: [Which of the following is not important OpenStax College Anatomy](#)

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4.1.2. Which valve separates the left atrium from the left ventricle?

Author: OpenStax College

Which valve separates the left atrium from the left ventricle?

Please choose only one answer:

- mitral
- tricuspid
- pulmonary
- aortic

Check the answer of this question online at QuizOver.com:

Question: [Which valve separates the left atrium from OpenStax College Anatomy](#)

Flashcards:

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4.1.3. Which of the following lists the valves in the order through which ...

Author: OpenStax College

Which of the following lists the valves in the order through which the blood flows from the vena cava through the heart?

Please choose only one answer:

- tricuspid, pulmonary semilunar, bicuspid, aortic semilunar
- mitral, pulmonary semilunar, bicuspid, aortic semilunar
- aortic semilunar, pulmonary semilunar, tricuspid, bicuspid
- bicuspid, aortic semilunar, tricuspid, pulmonary semilunar

Check the answer of this question online at QuizOver.com:

Question: [Which of the following lists the valves OpenStax College Anatomy](#)

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4.1.4. Which chamber initially receives blood from the systemic circuit?

Author: OpenStax College

Which chamber initially receives blood from the systemic circuit?

Please choose only one answer:

- left atrium
- left ventricle
- right atrium
- right ventricle

Check the answer of this question online at QuizOver.com:

Question: [Which chamber initially receives blood OpenStax College Anatomy Quest](#)

Flashcards:

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4.1.5. The _____ layer secretes chemicals that help to regulate ionic e...

Author: OpenStax College

The _____ layer secretes chemicals that help to regulate ionic environments and strength of contraction and serve as powerful vasoconstrictors.

Please choose only one answer:

- pericardial sac
- endocardium
- myocardium
- epicardium

Check the answer of this question online at QuizOver.com:

Question: [The layer secretes chemicals that help to OpenStax College Anatomy](#)

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4.1.6. The myocardium would be the thickest in the _____.

Author: OpenStax College

The myocardium would be the thickest in the _____.

Please choose only one answer:

- left atrium
- left ventricle
- right atrium
- right ventricle

Check the answer of this question online at QuizOver.com:

Question: [The myocardium would be the thickest in OpenStax College Anatomy](#)

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Interactive Question:

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4.1.7. In which septum is it normal to find openings in the adult?

Author: OpenStax College

In which septum is it normal to find openings in the adult?

Please choose only one answer:

- interatrial septum
- interventricular septum
- atrioventricular septum
- all of the above

Check the answer of this question online at QuizOver.com:

Question: [In which septum is it normal to find OpenStax College Anatomy Quest](#)

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4.1.8. Which of the following is unique to cardiac muscle cells?

Author: OpenStax College

Which of the following is unique to cardiac muscle cells?

Please choose only one answer:

- Only cardiac muscle contains a sarcoplasmic reticulum.
- Only cardiac muscle has gap junctions.
- Only cardiac muscle is capable of autorhythmicity
- Only cardiac muscle has a high concentration of mitochondria.

Check the answer of this question online at QuizOver.com:

Question: [Which of the following is unique to cardiac OpenStax College Anatomy](#)

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4.1.9. The influx of which ion accounts for the plateau phase?

Author: OpenStax College

The influx of which ion accounts for the plateau phase?

Please choose only one answer:

- sodium
- potassium
- chloride
- calcium

Check the answer of this question online at QuizOver.com:

Question: [The influx of which ion accounts for the OpenStax College Anatomy](#)

Flashcards:

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4.1.10. Which portion of the ECG corresponds to repolarization of the atria?

Author: OpenStax College

Which portion of the ECG corresponds to repolarization of the atria?

Please choose only one answer:

- P wave
- QRS complex
- T wave
- none of the above: atrial repolarization is masked by ventricular depolarization

Check the answer of this question online at QuizOver.com:

Question: [Which portion of the ECG corresponds to OpenStax College Anatomy](#)

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4.1.11. Which component of the heart conduction system would have the slowe...

Author: OpenStax College

Which component of the heart conduction system would have the slowest rate of firing?

Please choose only one answer:

- atrioventricular node
- atrioventricular bundle
- bundle branches
- Purkinje fibers

Check the answer of this question online at QuizOver.com:

Question: [Which component of the heart conduction OpenStax College Anatomy](#)

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4.1.12. The cardiac cycle consists of a distinct relaxation and contraction...

Author: OpenStax College

The cardiac cycle consists of a distinct relaxation and contraction phase. Which term is typically used to refer ventricular contraction while no blood is being ejected?

Please choose only one answer:

- systole
- diastole
- quiescent
- isovolumic contraction

Check the answer of this question online at [QuizOver.com](http://www.quizover.com):

Question: [The cardiac cycle consists of a distinct OpenStax College Anatomy](http://www.quizover.com/question/the-cardiac-cycle-consists-of-a-distinct-openstax-college-anatomy?pdf=1505)

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4.1.13. Most blood enters the ventricle during _____.

Author: OpenStax College

Most blood enters the ventricle during _____.

Please choose only one answer:

- atrial systole
- atrial diastole
- ventricular systole
- isovolumic contraction

Check the answer of this question online at QuizOver.com:

Question: [Most blood enters the ventricle during . OpenStax College Anatomy](#)

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4.1.14. The first heart sound represents which portion of the cardiac cycle?

Author: OpenStax College

The first heart sound represents which portion of the cardiac cycle?

Please choose only one answer:

- atrial systole
- ventricular systole
- closing of the atrioventricular valves
- closing of the semilunar valves

Check the answer of this question online at QuizOver.com:

Question: [The first heart sound represents which OpenStax College Anatomy Quest](#)

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4.1.15. Ventricular relaxation immediately follows _____.

Author: OpenStax College

Ventricular relaxation immediately follows _____.

Please choose only one answer:

- atrial depolarization
- ventricular repolarization
- ventricular depolarization
- atrial repolarization

Check the answer of this question online at QuizOver.com:

Question: [Ventricular relaxation immediately follows OpenStax College Anatomy](#)

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4.1.16. The force the heart must overcome to pump blood is known as _____.

Author: OpenStax College

The force the heart must overcome to pump blood is known as _____.

Please choose only one answer:

- preload
- afterload
- cardiac output
- stroke volume

Check the answer of this question online at QuizOver.com:

Question: [The force the heart must overcome to pump OpenStax College Anatomy](#)

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4.1.17. The cardiovascular centers are located in which area of the brain?

Author: OpenStax College

The cardiovascular centers are located in which area of the brain?

Please choose only one answer:

- medulla oblongata
- pons
- mesencephalon (midbrain)
- cerebrum

Check the answer of this question online at QuizOver.com:

Question: [The cardiovascular centers are located in OpenStax College Anatomy](#)

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4.1.18. In a healthy young adult, what happens to cardiac output when heart...

Author: OpenStax College

In a healthy young adult, what happens to cardiac output when heart rate increases above 160 bpm?

Please choose only one answer:

- It increases.
- It decreases.
- It remains constant.
- There is no way to predict.

Check the answer of this question online at QuizOver.com:

Question: [In a healthy young adult what happens to OpenStax College Anatomy](#)

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4.1.19. What happens to preload when there is venous constriction in the ve...

Author: OpenStax College

What happens to preload when there is venous constriction in the veins?

Please choose only one answer:

- It increases.
- It decreases.
- It remains constant.
- There is no way to predict.

Check the answer of this question online at QuizOver.com:

Question: [What happens to preload when there is OpenStax College Anatomy Quest](#)

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4.1.20. Which of the following is a positive inotrope?

Author: OpenStax College

Which of the following is a positive inotrope?

Please choose only one answer:

- Na⁺
- K⁺
- Ca²⁺
- both Na⁺ and K⁺

Check the answer of this question online at QuizOver.com:

Question: [Which of the following is a positive OpenStax College Anatomy Quest](#)

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4.1.21. The earliest organ to form and begin function within the developing...

Author: OpenStax College

The earliest organ to form and begin function within the developing human is the _____.

Please choose only one answer:

- brain
- stomach
- lungs
- heart

Check the answer of this question online at QuizOver.com:

Question: [The earliest organ to form and begin OpenStax College Anatomy Quest](#)

Flashcards:

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4.1.22. Of the three germ layers that give rise to all adult tissues and or...

Author: OpenStax College

Of the three germ layers that give rise to all adult tissues and organs, which gives rise to the heart?

Please choose only one answer:

- ectoderm
- endoderm
- mesoderm
- placenta

Check the answer of this question online at QuizOver.com:

Question: [Of the three germ layers that give rise OpenStax College Anatomy](#)

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4.1.23. The two tubes that eventually fuse to form the heart are referred t...

Author: OpenStax College

The two tubes that eventually fuse to form the heart are referred to as the _____.

Please choose only one answer:

- primitive heart tubes
- endocardial tubes
- cardiogenic region
- cardiogenic tubes

Check the answer of this question online at QuizOver.com:

Question: [The two tubes that eventually fuse to form OpenStax College Anatomy](#)

Flashcards:

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4.1.24. Which primitive area of the heart will give rise to the right ventr...

Author: OpenStax College

Which primitive area of the heart will give rise to the right ventricle?

Please choose only one answer:

- bulbus cordis
- primitive ventricle
- sinus venosus
- truncus arteriosus

Check the answer of this question online at QuizOver.com:

Question: [Which primitive area of the heart will OpenStax College Anatomy Quest](#)

Flashcards:

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Interactive Question:

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4.1.25. The pulmonary trunk and aorta are derived from which primitive hear...

Author: OpenStax College

The pulmonary trunk and aorta are derived from which primitive heart structure?

Please choose only one answer:

- bulbus cordis
- primitive ventricle
- sinus venosus
- truncus arteriosus

Check the answer of this question online at QuizOver.com:

Question: [The pulmonary trunk and aorta are derived OpenStax College Anatomy](#)

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