Biology 40 The Circulatory System MCQ

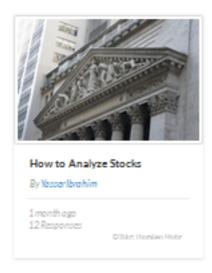
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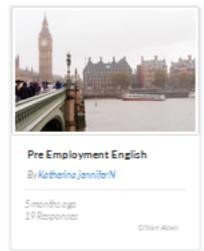
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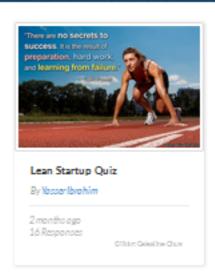
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iology 40 The C	Sirculatory Sys	tem MCQ Q	uestions		

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4.1.1. Why are open circulatory systems advantageous to some animals?

Author: OpenStax College

Why are open circulatory systems advantageous to some animals?

Please choose only one answer:

- They use less metabolic energy.
- They help the animal move faster.
- They do not need a heart.
- They help large insects develop.

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

Question: Why are open circulatory systems advantageous OpenStax College Biology

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4.1.2. Some animals use diffusion instead of a circulatory system. Example...

Author: OpenStax College

Some animals use diffusion instead of a circulatory system. Examples include:

Please choose only one answer:

- birds and jellyfish
- flatworms and arthropods
- · mollusks and jellyfish
- None of the above

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4.1.3. Blood flow that is directed through the lungs and back to the heart...

Author: OpenStax College

Blood flow that is directed through the lungs and back to the heart is called _____

Please choose only one answer:

- unidirectional circulation
- gill circulation
- pulmonary circulation
- pulmocutaneous circulation

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4.1.4. White blood cells:

Author: OpenStax College

White blood cells:

Please choose only one answer:

- can be classified as granulocytes or agranulocytes
- defend the body against bacteria and viruses
- are also called leucocytes
- All of the above

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

Question: White blood cells: OpenStax College Biology 40 The Circulatory Quest

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4.1.5. Platelet plug formation occurs at which point?

Author: OpenStax College

Platelet plug formation occurs at which point?

Please choose only one answer:

- when large megakaryocytes break up into thousands of smaller fragments
- · when platelets are dispersed through the blood stream
- when platelets are attracted to a site of blood vessel damage
- none of the above

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

Question: Platelet plug formation occurs at which OpenStax College Biology

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4.1.6. In humans, the plasma comprises what percentage of the blood?

Author: OpenStax College

In humans, the plasma comprises what percentage of the blood?

Please choose only one answer:

- 45 percent
- 55 percent
- 25 percent
- 90 percent

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

Question: In humans the plasma comprises what OpenStax College Biology 40 Quest

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4.1.7. The red blood cells of birds differ from mammalian red blood cells ...

Author: OpenStax College

The red blood cells of birds differ from mammalian red blood cells because:

Please choose only one answer:

- they are white and have nuclei
- they do not have nuclei
- they have nuclei
- they fight disease

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

Question: The red blood cells of birds differ from OpenStax College Biology

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4.1.8. The heart's internal pacemaker beats by:

Author: OpenStax College

The heart's internal pacemaker beats by:

Please choose only one answer:

- · an internal implant that sends an electrical impulse through the heart
- the excitation of cardiac muscle cells at the sinoatrial node followed by the atrioventricular node
- the excitation of cardiac muscle cells at the atrioventricular node followed by the sinoatrial node
- the action of the sinus

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

Question: The heart's internal pacemaker beats by: OpenStax College Biology

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4.1.9. During the systolic phase of the cardiac cycle, the heart is
Author: OpenStax College
During the systolic phase of the cardiac cycle, the heart is
Please choose only one answer: contracting relaxing
 contracting and relaxing filling with blood
Check the answer of this question online at QuizOver.com: Question: During the systolic phase of the cardiac OpenStax College Biology
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4.1.10. Cardiomyocytes are similar to skeletal muscle because:

Author: OpenStax College

Cardiomyocytes are similar to skeletal muscle because:

Please choose only one answer:

- they beat involuntarily
- they are used for weight lifting
- · they pulse rhythmically
- · they are striated

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

Question: Cardiomyocytes are similar to skeletal OpenStax College Biology 4

Flashcards:

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Interactive Question:

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4.1.11. How do arteries differ from veins?

Author: OpenStax College

How do arteries differ from veins?

Please choose only one answer:

- Arteries have thicker smooth muscle layers to accommodate the changes in pressure from the heart.
- Arteries carry blood.
- Arteries have thinner smooth muscle layers and valves and move blood by the action of skeletal muscle.
- Arteries are thin walled and are used for gas exchange.

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

Question: How do arteries differ from veins OpenStax College Biology 40 The

Flashcards:

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Interactive Question:

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4.1.12. High blood pressure would be a result of
Author: OpenStax College
High blood pressure would be a result of
Please choose only one answer:
a high cardiac output and high peripheral resistance
a high cardiac output and low peripheral resistance
a low cardiac output and high peripheral resistance
a low cardiac output and low peripheral resistance
Check the answer of this question online at QuizOver.com: Question: High blood pressure would be a result of OpenStax College Biology
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