Biology 38 The Musculoskeletal System MCQ

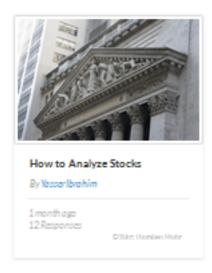
Author: OpenStax College

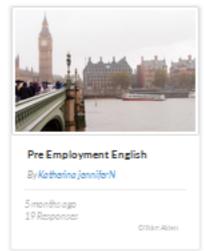
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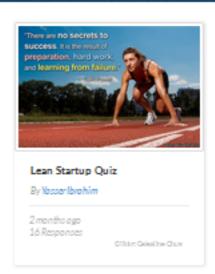
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Biology 38	The Musculos	keletal Syster	m MCQ Que	estions	

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4.1.1. The forearm consists of the:

Author: OpenStax College

The forearm consists of the:

Please choose only one answer:

- · radius and ulna
- · radius and humerus
- ulna and humerus
- humerus and carpus

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

Question: The forearm consists of the: OpenStax College Biology 38 Musculoskeletal

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4.1.2. The pectoral girdle consists of the:

Author: OpenStax College

The pectoral girdle consists of the:

Please choose only one answer:

- clavicle and sternum
- sternum and scapula
- clavicle and scapula
- clavicle and coccyx

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Question: The pectoral girdle consists of the: OpenStax College Biology 38

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4.1.3. All of the following are groups of vertebrae except, which
Author: OpenStax College
All of the following are groups of vertebrae except, which is a curvature.
Please choose only one answer: thoracic cervical lumbar pelvic
Check the answer of this question online at QuizOver.com: Question: All of the following are groups of vertebrae OpenStax College Biology Flashcards:
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4.1.4. Which of these is a facial bone?

Author: OpenStax College

Which of these is a facial bone?

Please choose only one answer:

- frontal
- occipital
- lacrimal
- temporal

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

Question: Which of these is a facial bone OpenStax College Biology 38 The Quest

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4.1.5. The Haversian canal:

Author: OpenStax College

The Haversian canal:

Please choose only one answer:

- is arranged as rods or plates
- contains the bone's blood vessels and nerve fibers
- is responsible for the lengthwise growth of long bones
- synthesizes and secretes matrix

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

Question: The Haversian canal: OpenStax College Biology 38 Musculoskeletal

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4.1.6. The epiphyseal plate:

Author: OpenStax College

The epiphyseal plate:

Please choose only one answer:

- is arranged as rods or plates
- contains the bone's blood vessels and nerve fibers
- is responsible for the lengthwise growth of long bones
- synthesizes and secretes bone matrix

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

Question: The epiphyseal plate: OpenStax College Biology 38 Musculoskeletal

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Author: OpenStax College The cells responsible for bone resorption are Please choose only one answer: • osteoclasts • osteoclasts • osteocytes Check the answer of this question online at QuizOver.com: Question: The cells responsible for bone resorption OpenStax College Biology Flashcards: http://www.quizover.com/flashcards/the-cells-responsible-for-bone-resorption-openstax-college-biology?pdf=1505 Interactive Question: http://www.quizover.com/question/the-cells-responsible-for-bone-resorption-openstax-college-biology?pdf=1505	
Please choose only one answer: osteoclasts osteoblasts fibroblasts osteocytes Check the answer of this question online at QuizOver.com: Question: The cells responsible for bone resorption OpenStax College Biology Flashcards: http://www.quizover.com/flashcards/the-cells-responsible-for-bone-resorption-openstax-college-biology?pdf=1505 Interactive Question:	Author: OpenStax College
 osteoclasts osteoblasts fibroblasts osteocytes Check the answer of this question online at QuizOver.com: Question: The cells responsible for bone resorption OpenStax College Biology Flashcards: http://www.quizover.com/flashcards/the-cells-responsible-for-bone-resorption-openstax-college-biology?pdf=1505 Interactive Question:	The cells responsible for bone resorption are
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 fibroblasts osteocytes Check the answer of this question online at QuizOver.com: Question: The cells responsible for bone resorption OpenStax College Biology Flashcards: http://www.quizover.com/flashcards/the-cells-responsible-for-bone-resorption-openstax-college-biology?pdf=1505 Interactive Question:	• osteoclasts
Osteocytes Check the answer of this question online at QuizOver.com: Question: The cells responsible for bone resorption OpenStax College Biology Flashcards: http://www.quizover.com/flashcards/the-cells-responsible-for-bone-resorption-openstax-college-biology?pdf=1505 Interactive Question:	 osteoblasts
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4.1.8. Compact bone is composed of
Author: OpenStax College
Compact bone is composed of
Please choose only one answer: trabeculae compacted collagen osteons calcium phosphate only
Check the answer of this question online at QuizOver.com: Question: Compact bone is composed of . OpenStax College Biology 38 The Quest
Flashcards: http://www.quizover.com/flashcards/compact-bone-is-composed-of-openstax-college-biology-38-the-quest?pdf=1505
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4.1.9. Synchondroses and symphyses are:

Author: OpenStax College

Synchondroses and symphyses are:

Please choose only one answer:

- synovial joints
- cartilaginous joints
- · fibrous joints
- · condyloid joints

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

Question: Synchondroses and symphyses are: OpenStax College Biology 38 The

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4.1.10. The movement of bone away from the midline of the body is called ___... Author: OpenStax College The movement of bone away from the midline of the body is called _ Please choose only one answer: circumduction extension adduction abduction Check the answer of this question online at QuizOver.com: Question: The movement of bone away from the midline OpenStax College Biology Flashcards: http://www.quizover.com/flashcards/the-movement-of-bone-away-from-the-midline-openstax-college-biology?pdf=1505 Interactive Question: http://www.quizover.com/question/the-movement-of-bone-away-from-the-midline-openstax-college-biology?pdf=1505

4.1.11. Which of the following is not a characteristic of the synovial fluid?

Author: OpenStax College

Which of the following is not a characteristic of the synovial fluid?

Please choose only one answer:

- Iubrication
- shock absorption
- regulation of water balance in the joint
- protection of articular cartilage

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

Question: Which of the following is not a characteristic OpenStax College Biology

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4.1.12. The elbow is an example of which type of joint?

Author: OpenStax College

The elbow is an example of which type of joint?

Please choose only one answer:

- hinge
- pivot
- saddle
- gliding

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

Question: The elbow is an example of which type of OpenStax College Biology

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4.1.13. In relaxed muscle, the myosin-binding site on actin is blocked by _... Author: OpenStax College In relaxed muscle, the myosin-binding site on actin is blocked by Please choose only one answer: titin troponin myoglobin tropomyosin Check the answer of this question online at QuizOver.com: Question: In relaxed muscle the myosin-binding site OpenStax College Biology Flashcards: http://www.quizover.com/flashcards/in-relaxed-muscle-the-myosin-binding-site-openstax-college-biology?pdf=1505 Interactive Question: http://www.quizover.com/question/in-relaxed-muscle-the-myosin-binding-site-openstax-college-biology?pdf=1505

4.1.14. The cell membrane of a muscle fiber is called
a
Author: OpenStax College
The cell membrane of a muscle fiber is called
a
α <u></u> .
Please choose only one answer:
• myofibril
• sarcolemma
sarcoplasmmyofilament
- myomament
Chack the answer of this question online at QuizQver com:
Check the answer of this question online at QuizOver.com: Question: The cell membrane of a muscle fiber is OpenStax College Biology 3
Flashcards:
http://www.quizover.com/flashcards/the-cell-membrane-of-a-muscle-fiber-is-openstax-college-biology-3?pdf=1505
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4.1.15. The muscle relaxes if no new nerve signal arrives. However the neur...

_		
Author.	OpenStax	College

The muscle relaxes if no new nerve signal arrives. However the neurotransmitter from the previous stimulation is still present in the synapse. The activity of ______ helps to remove this neurotransmitter.

Please choose only one answer:

- myosin
- action potential
- tropomyosin
- acetylcholinesterase

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

Question: The muscle relaxes if no new nerve signal OpenStax College Biology

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4.1.16. The ability of a muscle to generate tension immediately after stimu...

Author: OpenStax College

The ability of a muscle to generate tension immediately after stimulation is dependent on:

Please choose only one answer:

- myosin interaction with the M line
- overlap of myosin and actin
- actin attachments to the Z line
- none of the above

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

Question: The ability of a muscle to generate tension OpenStax College Biology

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