

A&P 05

Integumentary System MCQ

Author: OpenStax College

Published 2014

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4. Chapter: A&P 05 Integumentary System MCQ

1. A&P 05 Integumentary System MCQ Questions

4.1.1. The papillary layer of the dermis is most closely associated with w...

Author: OpenStax College

The papillary layer of the dermis is most closely associated with which layer of the epidermis?

Please choose only one answer:

- stratum spinosum
- stratum corneum
- stratum granulosum
- stratum basale

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

Question: [The papillary layer of the dermis is most OpenStax College Anatomy](#)

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4.1.2. Langerhans cells are commonly found in the _____.

Author: OpenStax College

Langerhans cells are commonly found in the _____.

Please choose only one answer:

- stratum spinosum
- stratum corneum
- stratum granulosum
- stratum basale

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

Question: [Langerhans cells are commonly found in OpenStax College Anatomy Quest](#)

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4.1.3. The papillary and reticular layers of the dermis are composed mainl...

Author: OpenStax College

The papillary and reticular layers of the dermis are composed mainly of _____.

Please choose only one answer:

- melanocytes
- keratinocytes
- connective tissue
- adipose tissue

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

Question: [The papillary and reticular layers of the OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/the-papillary-and-reticular-layers-of-the-openstax-college-anatomy?pdf=1505>

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4.1.4. Collagen lends _____ to the skin.

Author: OpenStax College

Collagen lends _____ to the skin.

Please choose only one answer:

- elasticity
- structure
- color
- UV protection

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

Question: [Collagen lends to the skin. OpenStax College Anatomy Physiology 0](#)

Flashcards:

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4.1.5. Which of the following is not a function of the hypodermis?

Author: OpenStax College

Which of the following is not a function of the hypodermis?

Please choose only one answer:

- protects underlying organs
- helps maintain body temperature
- source of blood vessels in the epidermis
- a site to long-term energy storage

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

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

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4.1.6. In response to stimuli from the sympathetic nervous system, the arr...

Author: OpenStax College

In response to stimuli from the sympathetic nervous system, the arrector pili _____.

Please choose only one answer:

- are glands on the skin surface
- can lead to excessive sweating
- are responsible for goose bumps
- secrete sebum

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

Question: [In response to stimuli from the sympathetic OpenStax College Anatomy](#)

Flashcards:

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4.1.7. The hair matrix contains _____.

Author: OpenStax College

The hair matrix contains _____.

Please choose only one answer:

- the hair follicle
- the hair shaft
- the glassy membrane
- a layer of basal cells

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

Question: [The hair matrix contains . OpenStax College Anatomy Physiology 05](#)

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4.1.8. Eccrine sweat glands _____.

Author: OpenStax College

Eccrine sweat glands _____.

Please choose only one answer:

- are present on hair
- are present in the skin throughout the body and produce watery sweat
- produce sebum
- act as a moisturizer

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

Question: [Eccrine sweat glands . OpenStax College Anatomy Physiology 05: Quest](#)

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4.1.9. Sebaceous glands _____.

Author: OpenStax College

Sebaceous glands _____.

Please choose only one answer:

- are a type of sweat gland
- are associated with hair follicles
- may function in response to touch
- release a watery solution of salt and metabolic waste

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

Question: [Sebaceous glands . OpenStax College Anatomy Physiology 05: Quest](#)

Flashcards:

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Interactive Question:

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4.1.10. Similar to the hair, nails grow continuously throughout our lives. ...

Author: OpenStax College

Similar to the hair, nails grow continuously throughout our lives. Which of the following is furthest from the nail growth center?

Please choose only one answer:

- nail bed
- hyponychium
- nail root
- eponychium

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

Question: [Similar to the hair nails grow continuously OpenStax College Anatomy](#)

Flashcards:

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4.1.11. In humans, exposure of the skin to sunlight is required for _____.

Author: OpenStax College

In humans, exposure of the skin to sunlight is required for _____.

Please choose only one answer:

- vitamin D synthesis
- arteriole constriction
- folate production
- thermoregulation

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

Question: [In humans exposure of the skin to sunlight OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/in-humans-exposure-of-the-skin-to-sunlight-openstax-college-anatomy?pdf=1505>

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4.1.12. One of the functions of the integumentary system is protection. Whi...

Author: OpenStax College

One of the functions of the integumentary system is protection. Which of the following does not directly contribute to that function?

Please choose only one answer:

- stratum lucidum
- desmosomes
- folic acid synthesis
- Merkel cells

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

Question: [One of the functions of the integumentary OpenStax College Anatomy](#)

Flashcards:

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4.1.13. An individual using a sharp knife notices a small amount of blood w...

Author: OpenStax College

An individual using a sharp knife notices a small amount of blood where he just cut himself. Which of the following layers of skin did he have to cut into in order to bleed?

Please choose only one answer:

- stratum corneum
- stratum basale
- papillary dermis
- stratum granulosum

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

Question: [An individual using a sharp knife notices OpenStax College Anatomy](#)

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4.1.14. As you are walking down the beach, you see a dead, dry, shriveled-u...

Author: OpenStax College

As you are walking down the beach, you see a dead, dry, shriveled-up fish. Which layer of your epidermis keeps you from drying out?

Please choose only one answer:

- stratum corneum
- stratum basale
- stratum spinosum
- stratum granulosum

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

Question: [As you are walking down the beach you see OpenStax College Anatomy](#)

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4.1.15. If you cut yourself and bacteria enter the wound, which of the foll...

Author: OpenStax College

If you cut yourself and bacteria enter the wound, which of the following cells would help get rid of the bacteria?

Please choose only one answer:

- Merkel cells
- keratinocytes
- Langerhans cells
- melanocytes

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

Question: [If you cut yourself and bacteria enter OpenStax College Anatomy Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/if-you-cut-yourself-and-bacteria-enter-openstax-college-anatomy-quest?pdf=1505>

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4.1.16. In general, skin cancers _____.

Author: OpenStax College

In general, skin cancers _____.

Please choose only one answer:

- are easily treatable and not a major health concern
- occur due to poor hygiene
- can be reduced by limiting exposure to the sun
- affect only the epidermis

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

Question: [In general skin cancers . OpenStax College Anatomy Physiology 05:](#)

Flashcards:

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Interactive Question:

<http://www.quizover.com/question/in-general-skin-cancers-openstax-college-anatomy-physiology-05?pdf=1505>

4.1.17. Bedsores _____.

Author: OpenStax College

Bedsores _____.

Please choose only one answer:

- can be treated with topical moisturizers
- can result from deep massages
- are preventable by eliminating pressure points
- are caused by dry skin

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

Question: [Bedsores . OpenStax College Anatomy Physiology 05: Integumentary](#)

Flashcards:

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4.1.18. An individual has spent too much time sun bathing.
Not only is his ...

Author: OpenStax College

An individual has spent too much time sun bathing.

Not only is his skin painful to touch, but small blisters have appeared in the affected area.

This indicates that he has damaged which layers of his skin?

Please choose only one answer:

- epidermis only
- hypodermis only
- epidermis and hypodermis
- epidermis and dermis

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

Question: [An individual has spent too much time sun OpenStax College Anatomy](#)

Flashcards:

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4.1.19. After a skin injury, the body initiates a wound-healing response. T...

Author: OpenStax College

After a skin injury, the body initiates a wound-healing response. The first step of this response is the formation of a blood clot to stop bleeding.

Which of the following would be the next response?

Please choose only one answer:

- increased production of melanin by melanocytes
- increased production of connective tissue
- an increase in Pacinian corpuscles around the wound
- an increased activity in the stratum lucidum

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

Question: [After a skin injury the body initiates a OpenStax College Anatomy](#)

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4.1.20. Squamous cell carcinomas are the second most common of the skin can...

Author: OpenStax College

Squamous cell carcinomas are the second most common of the skin cancers and are capable of metastasizing if not treated. This cancer affects which cells?

Please choose only one answer:

- basal cells of the stratum basale
- melanocytes of the stratum basale
- keratinocytes of the stratum spinosum
- Langerhans cells of the stratum lucidum

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

Question: [Squamous cell carcinomas are the second OpenStax College Anatomy](#)

Flashcards:

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