

Quiz

The integumentary system: The skin part 3



1. Matching: Pick the best descriptor

_____ Epidermis	A. When hair stands up: helps keep the horse warm
_____ Stratified	B. Sends a signal to cause a reaction: muscle movement
_____ Piloerection	C. Protects against microorganisms.
_____ Motor nerves	D. Protein found in skin, hair and hoofs.
_____ Sensory nerves	E. Senses the environment
_____ Langerhans cells	F. Top layer of the skin
_____ Squamous	G. Dermis is mostly composed of
_____ Epithelium	H. Layers
_____ Keratin	I. Protein found in the dermis to make it strong
_____ Collagen	J. Flat
_____ Irregular dense connective tissue	K. Covers or lines a surface

2. Blood supplies the dermis with _____

- a. Oxygen
- b. Carbon dioxide
- c. Nutrients
- d. All of the above
- e. a&c

3. The “horny” layer of the epidermis refers to...

- a. The presence of keratin in and around the cells
- b. The layers of the epidermis
- c. Flat cells
- d. All of the above

4. Structure(s) in the dermis include:

- a. Blood vessels
- b. Nerves
- c. Hair follicles
- d. Glands
- e. All of the above

5. Sensory nerves detect:

- a. Touch
- b. Pressure
- c. Temperature
- d. All of the above

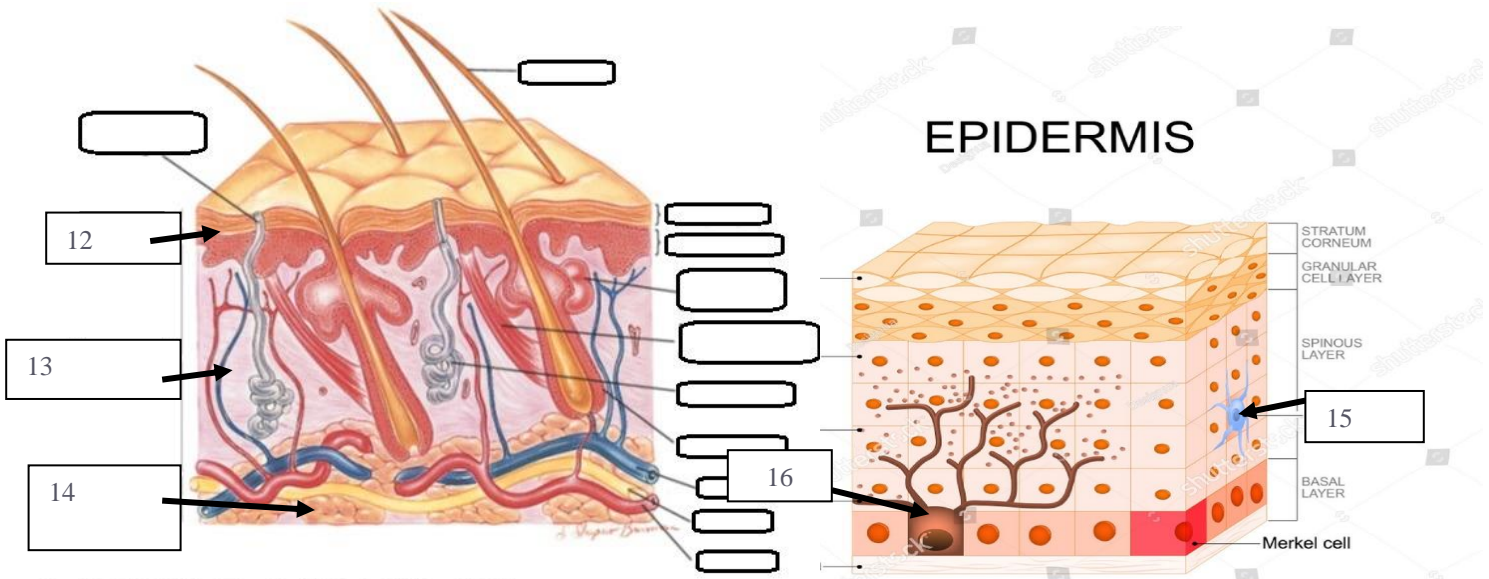
True or False

6. _____ The epidermis will bleed if cut.
7. _____ When the erector pili muscle contracts piloerection occurs.
8. _____ Langerhans cells are part of your immune system
9. _____ The top layer of the epidermis consists of dead cells
10. _____ Collagen is a type of fat.
11. _____ The epidermis consists of one layer of cube like cells.

Matching: 12-14 are layers/areas 15& 16 are cells

12. _____
13. _____
14. _____
15. _____
16. _____

- | |
|----------------------------|
| A. Subcutis |
| B. Dermis |
| C. Epidermis |
| D. Melanocyte/pigment cell |
| E. Langerhans/immune cell |



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