# Answers to Questions in the Workbook, Chapter 29, The Integumentary System

**Activity A MATCHING**

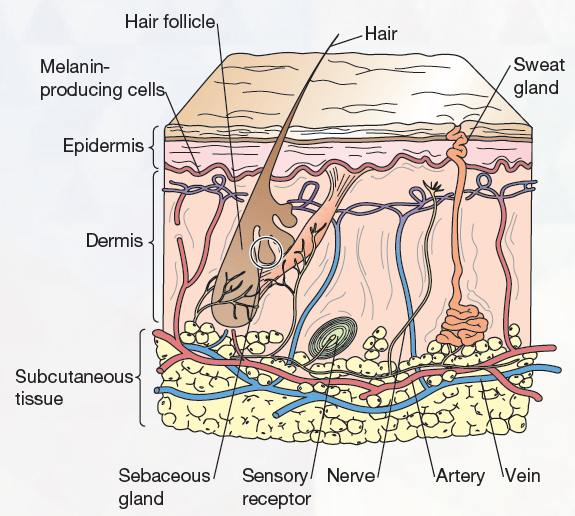
1. c

2. d

3. e

4. a

5. b

**Activity B LABEL THE FIGURES**  


**Activity C TRUE OR FALSE**

1. T

2. F. The epidermis contains NO blood vessels OR nerve cells.

3. T

4. T

5. F. The sebum is slightly ACIDIC.

6. T

7. T

**Activity D CHOOSE THE RIGHT ANSWER**

1. X

2. X

3. X

4.

5.

6. X

**Activity E FILL IN THE BLANKS**

The skin plays an important role in maintaining the body’s temperature within the proper range. When the internal temperature is high, the blood vessels in the skin dilate, causing more blood to pass near the surface of the skin, allowing heat to escape into the environment. When the internal temperature is too low, the blood vessels in the skin constrict, causing less blood to pass near the surface of the skin, keeping the heat inside of the body.

**Activity F TRUE OR FALSE**

1. F. Wrinkles, gray hair, and “age spots” are all visible signs of AGING.

2. F. “Age spots” (sometimes called “liver spots”) are caused by deposits of MELANIN in certain areas.

3. T

4. F. GRAY hair is caused by the loss of melanin from the hair.

**Activity G SHORT ANSWER**

When caring for an older person like Mrs. Diehl, it is important to keep the delicate nature of older skin in mind. Actions that would not cause harm in a younger person, such as gripping the person’s arm to help her to stand or accidentally grazing her skin with your fingernails while helping her to put on her socks, can cause injury to her. Using the proper technique when assisting with dressing and undressing and transfers is important. In addition, when assisting an older person to bathe, care should be taken to use water that is not too hot, to rinse the skin with soap thoroughly, to pat the skin dry gently, and to apply lotion to the skin after the bath to seal in moisture.

**Activity H MATCHING**

* 1. c
  2. a
  3. d
  4. b

**Activity I CHOOSE THE RIGHT ANSWER**

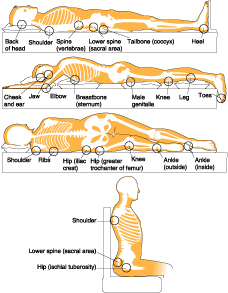
1. X

2. X

3. X

4. X

5.

**Activity J MARK THE FIGURE**  


**Activity K REARRANGE IN THE RIGHT ORDER**

3

5

1

2

4

**Activity L SHORT ANSWER**

Mr. Vincente has several risk factors for developing a pressure ulcer: (1) he spends most of the day sitting in the same chair, getting up only occasionally; (2) his skin is probably damp from perspiration, since he lives in a warm climate in a house with no air-conditioning; (3) he is older; (4) he has a cardiovascular disorder; (5) he does not eat well.

**Activity M REARRANGE IN THE RIGHT ORDER**

A

B

C

D

*E: Unstageable*

*F: Suspected deep tissue injury*

**Activity N DESCRIBE THE FIGURE**

A. They are not letting the person remain in one position for a long period of time.

B. They are giving a back massage to improve blood flow to the skin.

C. They are anticipating the person’s toileting needs.

D. They are using their observation skills to detect changes in the skin.

E. They are ensuring that the linens are clean and dry.

F. They are encouraging good hydration by offering the resident a drink.

G. They are minimizing skin injury caused by friction or shearing by using a lift sheet.

**Activity O MATCHING**

1. b

2. c

3. a

**Activity P MATCHING**

1. b

2. c

3. a

**Activity Q SHORT ANSWER**

When caring for a person with a wound drain that is connected to a collection device, it is important to observe the drainage frequently. Observations that should be reported to the nurse immediately include the following: (1) the drainage has a foul odor that it did not have before; (2) the appearance of the drainage has changed; (3) there is more drainage than would normally be expected.

**Activity R REARRANGE IN THE RIGHT ORDER**

b

a

e

c

d

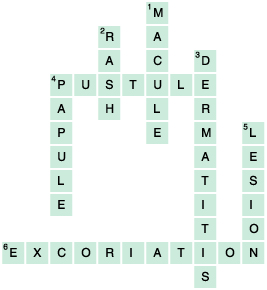
**Activity S MATCHING**

1. b

2. d

3. a

4. c

**Activity T CROSSWORD**  


**Activity U JUMBLED WORDS**

1. PALLOR

2. DERMIS

3. NECROSIS

4. LESION

5. ECZEMA

6. ERYTHEMA

7. FISSURE