

Warm-Up: CHAP 1 REVIEW

More than one choice may apply. CIRCLE YOUR ANSWERS.

1. Consider the following levels: (1) chemical; (2) tissue; (3) organ; (4) cellular; (5) organismal; (6) systemic. Which of the following choices has the levels listed in order of increasing complexity?

- a. 1, 2, 3, 4, 5, 6 d. 1, 4, 2, 3, 6, 5
 b. 1, 4, 2, 5, 3, 6 e. 4, 1, 3, 2, 6, 5
 c. 3, 1, 2, 4, 6, 5

2. Which of the following is (are) involved in maintaining homeostasis?

- a. Effector d. Feedback
 b. Control center e. Lack of change
 c. Receptor

3. Which is not essential to survival?

- a. Water d. Atmospheric pressure
 b. Oxygen e. Nutrients
 c. Gravity

4. Using the terms listed below, fill in the blank with the proper term.

anterior superior medial proximal superficial
posterior inferior lateral distal deep

The heart is located _____ to the diaphragm.

The muscles are _____ to the skin.

The shoulder is _____ to the elbow.

In anatomical position, the thumb is _____ to the index finger.

The vertebral region is _____ to the scapular region.

The gluteal region is located on the _____ surface of the body.

5. Match the proper anatomical term (column B) with the common name (column A) for the body regions listed below.

Column A	Column B
____ 1. buttocks	a. inguinal
____ 2. back	b. frontal
____ 3. shoulder blade	c. dorsal
____ 4. front of elbow	d. lumbar
____ 5. toes	e. gluteal
____ 6. groin	f. antecubial
____ 7. forehead	g. plantar
____ 8. lower back	h. digital
____ 9. sole of foot	i. scapular

6. Anatomical terms that apply to the backside of the body in the anatomical position include

- a. ventral and anterior. c. posterior and dorsal.
 b. back and rear. d. head and lateral.

7. A neurosurgeon orders a spinal tap for a patient. Into what body cavity will the needle be inserted?
- a. Ventral
 - b. Thoracic
 - c. Dorsal
 - d. Cranial
 - e. Pelvic
8. Which of the following groupings of the abdominopelvic regions is medial?
- a. Hypochondriac, hypogastric, umbilical
 - b. Hypochondriac, lumbar, inguinal
 - c. Hypogastric, umbilical, epigastric
 - d. Lumbar, umbilical, iliac
 - e. Iliac, umbilical, hypochondriac

Critical Thinking and Clinical Application Questions

9. A nurse informed John that she was about to take blood from his antecubital region. What part of his body was she referring to? Later, she came back and said that she was going to give him an antibiotic shot in the deltoid region. Did he take off his shirt or drop his pants to get the shot? Before John left the office, the nurse noticed that his left sural region was badly bruised. What part of his body was black and blue? (#16)

10. Jennie Dip fell off her motorcycle and tore a nerve in her axillary region. She also tore ligaments in her cervical and scapular regions and broke the only bone of her right brachial region. Explain where each of her injuries is located. (#18)