

Anatomy Introduction Practice Quiz

Science Olympiad Anatomy and Physiology

Name _____

Directions: *Select the best answer to each question.*

- _____ 1. What body system includes the spleen?
- a. lymphatic
 - b. circulatory
 - c. digestive
 - d. respiratory
- _____ 2. What is the function of the integumentary system?
- a. thermoregulation
 - b. protection
 - c. chemical synthesis
 - d. all of the above
- _____ 3. The lumbar vertebrae are what to the cervical vertebrae?
- a. lateral
 - b. proximal
 - c. distal
 - d. inferior
- _____ 4. What is the meaning of lateral?
- a. on the same side of the body
 - b. on opposite sides of the body
 - c. away from the midline of the body
 - d. towards the midline of the body
- _____ 5. What are the three anatomical planes?
- a. transverse, sagittal, and axial
 - b. frontal, horizontal, and coronal
 - c. median, parasagittal, and frontal
 - d. axial, coronal, and sagittal
- _____ 6. What are the two main cavities in the human body?
- a. superior and inferior
 - b. ventral and dorsal
 - c. lateral and medial
 - d. coronal and posterior

7. Which of the following statements is true?

- a. the chemical level of organization is exclusive to living things
- b. the cell is the first level of organization including life
- c. organs are made of cells which are made of tissues
- d. the human organism includes six unique organ systems

8. Which level of organization includes everything?

- a. chemical
- b. tissue
- c. organism
- d. none of the above

9. What is homeostasis?

- a. negative and positive feedback
- b. maintenance of external stability in an organism
- c. regulation of internal conditions to maintain stability in an organism
- d. all of the above

10. What is the result of negative feedback?

- a. original stimulus is enhanced
- b. variant condition is canceled
- c. homeostasis is not maintained
- d. blood sugar is regulated