

Feedback Multiple Choice Quiz

(See related pages)

Please answer all questions.

- 1 The structural and functional units of organisms are the
- ☐ A) organelles.
 - ☐ B) cells.
 - ☐ C) tissues.
 - ☐ D) organs.
 - ☐ E) organ systems.
- 2 Given these levels of organization: 1. cell, 2. chemical, 3. organelle, 4. organ, 5. tissue. Choose the arrangement that lists the levels of organization in the correct order from smallest to largest.
- ☐ A) 1,2,3,4,5
 - ☐ B) 2,3,1,5,4
 - ☐ C) 3,2,1,4,5
 - ☐ D) 4,1,3,2,5
 - ☐ E) 5,3,1,4,2
- 3 Homeostasis is an example of which of the following characteristics of life?
- ☐ A) organization
 - ☐ B) metabolism
 - ☐ C) responsiveness
 - ☐ D) growth
 - ☐ E) differentiation
- 4 Homeostatic mechanisms
- ☐ A) keep variables exactly at the set point.
 - ☐ B) help to keep a relatively constant internal environment in the body.
 - ☐ C) act to keep values out of the normal range.
 - ☐ D) usually operate by positive feedback.
 - ☐ E) produce most disease conditions.
- 5 Negative-feedback mechanisms
- ☐ A) are not homeostatic.
 - ☐ B) are rare in healthy individuals.
 - ☐ C) respond by making deviations from normal even larger.
 - ☐ D) are counteracted by most medical therapy.
 - ☐ E) may have a receptor, a control center, and an effector.
- 6 Which of these conditions indicate positive feedback has occurred?
- ☐ A) Blood pressure decreases greatly; blood flow to the heart is inadequate, and blood pressure decreases.
 - ☐ B) Hot temperatures increase your body temperature above normal; you sweat.
 - ☐ C) Cold temperatures decrease your body temperature below normal; you shiver.
 - ☐ D) Blood pressure decreases; as a result, your heart rate increases.
- 7 A term that means "toward the midline" is:
- ☐ A) distal
 - ☐ B) lateral
 - ☐ C) medial
 - ☐ D) proximal
 - ☐ E) superior
- 8 The wrist is _____ to the hand.
- ☐ A) distal
 - ☐ B) inferior
 - ☐ C) lateral
 - ☐ D) medial
 - ☐ E) proximal

- 9 Coronal (frontal) planes divide the body into _____ portions.
- ☐ A) right and left
 - ☐ B) anterior and posterior
 - ☐ C) superior and inferior
 - ☐ D) dorsal and ventral
 - ☐ E) both b and d
- 10 Which of these planes can divide the body into equal halves?
- ☐ A) frontal (coronal)
 - ☐ B) median
 - ☐ C) transverse
 - ☐ D) sagittal
- 11 Which of these statements concerning body regions is correct?
- ☐ A) The trunk region between the thorax and pelvis is the abdomen.
 - ☐ B) The leg extends from the hip to the ankle.
 - ☐ C) The forearm extends from the shoulder to the wrist.
 - ☐ D) The trunk can be divided into the thorax and pelvis.
 - ☐ E) The thorax is often subdivided superficially into four quadrants.
- 12 The thoracic cavity is divided into two parts by the
- ☐ A) mediastinum.
 - ☐ B) pleural cavity.
 - ☐ C) diaphragm.
 - ☐ D) peritoneal membranes.
 - ☐ E) pelvic cavity.
- 13 Serous membranes
- ☐ A) line body cavities that open to the outside.
 - ☐ B) produce a lubricating film of fluid.
 - ☐ C) are found only on the walls of the thoracic cavity.
 - ☐ D) separate the abdominal cavity from the pelvic cavity.
 - ☐ E) completely cover retroperitoneal organs.
- 14 The serous membrane on the surface of the lungs is called
- ☐ A) parietal pericardium.
 - ☐ B) visceral pericardium.
 - ☐ C) parietal pleura.
 - ☐ D) visceral pleura.
 - ☐ E) parietal peritoneum.
- 15 You are standing on your head. Your head is to your neck,
- ☐ A) superior
 - ☐ B) inferior
 - ☐ C) superficial
 - ☐ D) medial
 - ☐ E) proximal
- 16 The study of external features of the body which serve as landmarks for locating deeper structures is
- ☐ A) cellular physiology.
 - ☐ B) systemic physiology.
 - ☐ C) systemic anatomy.
 - ☐ D) regional anatomy.
 - ☐ E) surface anatomy.
- 17 Which of these statements correctly describes anatomic position?
- ☐ A) A person that is lying supine with arms at the side is in anatomic position.
 - ☐ B) A person that is lying prone with arms at the side is in anatomic position
 - ☐ C) A person standing erect that is facing forward with the arms hanging to the sides with the palms of the hands facing medially is in anatomic position.
 - ☐ D) A person standing erect that is facing forward with the arms hanging to the sides with the palms of the hands facing forward is in anatomic position.
 - ☐ E) A person standing erect that is facing forward with the arms hanging to the sides with the palms of the hands facing laterally is in anatomic position.

- 18 The serous membrane lined cavity surrounding the heart is called the
- ☐ A) pericardial cavity.
 - ☐ B) peritoneal cavity.
 - ☐ C) pleural cavity.
- 19 The body system that consists of the skin, hair, nails, and sweat glands and provides protections and regulates temperature is the
- ☐ A) muscular system.
 - ☐ B) skeletal system.
 - ☐ C) integumentary system.
 - ☐ D) endocrine system.
 - ☐ E) lymphatic system.
- 20 The body system that contains the kidneys and the bladder and removes waste products from the blood and regulates blood pH, ion balance and water balance is the
- ☐ A) digestive system.
 - ☐ B) respiratory system.
 - ☐ C) urinary system.
 - ☐ D) cardiovascular system.
 - ☐ E) nervous system.