

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

~~test-bank-human-anatomy-and-physiology-laboratory-manual-cat-version-13e-marieb~~

- 1) In anatomical position, the \_\_\_\_\_.  
A) feet are slightly apart, and the toes point forward  
B) head is turned to the side  
C) human is sitting  
D) upper limbs hang in a natural position at the side of the body

Answer: A

- 2) Which region is visible only on the posterior/dorsal body surface?  
A) patellar                      B) calcaneal                      C) mammary                      D) buccal

Answer: B

- 3) The term femoral pertains to the \_\_\_\_\_.  
A) thigh                      B) arm                      C) forearm                      D) leg

Answer: A

- 4) The mammary region is \_\_\_\_\_ to the sternal region.  
A) superior                      B) medial                      C) inferior                      D) lateral

Answer: D

- 5) The \_\_\_\_\_ surface of the human body faces forward.  
A) inferior                      B) superior                      C) dorsal                      D) ventral

Answer: D

- 6) The \_\_\_\_\_ plane divides the body into superior and inferior parts.  
A) transverse                      B) parasagittal                      C) frontal (coronal)                      D) sagittal (medial)

Answer: A

- 7) When you open the abdominal cavity of your dissection specimen, you realize that the kidneys are \_\_\_\_\_ to the intestines.  
A) proximal                      B) deep                      C) medial                      D) ventral

Answer: B

- 8) The frontal plane divides the body into \_\_\_\_\_.  
A) right and left parts                      B) anterior and posterior parts                      C) superior and inferior parts

Answer: B

- 9) This organ is found in the thoracic cavity.  
A) small intestine                      B) stomach                      C) lung                      D) liver

Answer: C

- 10) This serous membrane lines the walls of the abdominal cavity and covers its organs.  
A) pleura                      B) peritoneum                      C) pericardium

Answer: B

- 11) Pericardium surrounds the \_\_\_\_\_.  
A) heart                      B) brain                      C) lungs                      D) intestines

Answer: A

- 12) It is useful to divide this body cavity into quadrants for study because it is large and contains many organs.  
 A) abdominopelvic                      B) cranial                      C) vertebral                      D) thoracic  
 Answer: A
- 13) The stomach is found primarily in the \_\_\_\_\_ quadrant of the abdominopelvic cavity.  
 A) left lower                      B) right upper                      C) left upper                      D) right lower  
 Answer: C
- 14) Of the nine regions used by anatomists to divide the abdominopelvic cavity, this one is most superior and medial.  
 A) umbilical                      B) hypogastric                      C) epigastric                      D) lumbar  
 Answer: C
- 15) This small body cavity in the head holds the eyes.  
 A) orbital                      B) middle ear                      C) oral                      D) nasal  
 Answer: A
- 16) The umbilical region of the human is on the \_\_\_\_\_ surface, and the umbilical region of the dog is on the \_\_\_\_\_ surface.  
 A) anterior, inferior                      B) posterior, inferior                      C) anterior, superior                      D) posterior, superior  
 Answer: A
- 17) A patient has a bruise on the ventral surface of the upper limb just distal to the antecubital region. It is located on the \_\_\_\_\_.  
 A) posterior forearm                      B) anterior arm                      C) posterior arm                      D) anterior forearm  
 Answer: D
- 18) This set of body terms for orientation and direction depends on anatomical position; the terms have different meanings for humans and four-legged animals.  
 A) proximal/distal                      B) dorsal/ventral                      C) anterior/posterior                      D) medial/lateral  
 Answer: C
- 19) The diaphragm is a physical separation between the abdominal and pelvic cavities.  
 A) True                      B) False  
 Answer: B
- 20) If you look at an MRI scan that is oval in shape and you can see the liver, vertebra, and spleen, this scan was made in the \_\_\_\_\_ plane.  
 A) frontal                      B) transverse                      C) sagittal  
 Answer: B
- 21) These structures are seen in a midsagittal section of the human.  
 A) trachea, lung                      B) nose, umbilicus (navel)  
 C) stomach, kidney                      D) ribs, thigh  
 Answer: B
- 22) Which type of section passes through the cranial, vertebral (spinal), thoracic, and abdominopelvic cavities?  
 A) midsagittal (medial)                      B) frontal                      C) transverse  
 Answer: A

23) This body cavity does *not* have a bony protection.

A) cranial

B) thoracic

C) vertebral

D) abdominopelvic

Answer: D

24) The spinal cord is found in this body cavity.

A) vertebral

B) thorax and abdominopelvic

C) cranial

D) thorax

Answer: A

25) These two organs are found in the thorax.

A) heart and liver

B) lungs and stomach

C) heart and lungs

D) liver and stomach

Answer: C

26) Damage to this serous membrane can cause the lungs to collapse.

A) pleura

B) peritoneum

C) pericardium

Answer: A

27) The urinary bladder, found in the \_\_\_\_\_ region of the abdominopelvic cavity, is evenly divided between the two \_\_\_\_\_ abdominopelvic quadrants.

A) hypogastric, lower

B) umbilical, upper

C) epigastric, lower

D) iliac, upper

Answer: A

28) \_\_\_\_\_ is found in the right hypochondriac region.

A) The appendix

B) The liver

C) Most of the small intestine

D) The right lung

Answer: B

29) The visceral pleura lines the \_\_\_\_\_.

A) lungs

B) digestive organs

C) thoracic cavity

D) heart

Answer: C

30) The oral cavity is a part of which body system?

A) respiratory

B) urinary

C) nervous

D) digestive

Answer: D