

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

1) Which of the following is an organ system?

- A) heart                      B) brain                      C) lungs                      D) urinary

Answer: D

2) Bones and joints belong to this organ system.

- A) skeletal                      B) urinary                      C) muscular                      D) nervous

Answer: A

3) The stomach belongs to this organ system.

- A) reproductive                      B) respiratory                      C) cardiovascular                      D) digestive

Answer: D

4) The thyroid gland belongs to this organ system.

- A) lymphatic/immunity                      B) nervous  
C) endocrine                      D) respiratory

Answer: C

5) The cardiovascular system \_\_\_\_\_.

- A) eliminates nitrogenous wastes from the body  
B) cleanses the blood of pathogens and other debris  
C) promotes growth and development  
D) transports blood throughout the body

Answer: D

6) The integumentary system \_\_\_\_\_.

- A) contributes to the acid-base balance of the blood  
B) breaks down ingested food  
C) is a site for blood-cell formation  
D) protects the deep organs from injury and drying out

Answer: D

7) The respiratory system \_\_\_\_\_.

- A) continuously supplies oxygen to the blood while removing carbon dioxide  
B) delivers oxygen, carbon dioxide, nutrients and hormones to cells of the body  
C) cleanses the blood of pathogens and debris  
D) rids the body of urea, uric acid, and ammonia

Answer: A

8) Name the body system that eliminates nitrogen-containing wastes from the body.

- A) respiratory                      B) circulatory                      C) digestive                      D) urinary

Answer: D

9) The major function of this body system is to keep us healthy by protecting us from foreign substances and pathogens.

- A) urinary                      B) lymphatic/immunity  
C) respiratory                      D) cardiovascular

Answer: B

- 10) This body system consists of the brain, spinal cord, and nerves and maintains homeostasis by generating electrical signals.  
 A) endocrine                      B) urinary                      C) cardiovascular                      D) nervous  
 Answer: D
- 11) This organ is a large muscular tube that ends at the anus.  
 A) small intestine                      B) esophagus                      C) large intestine                      D) trachea  
 Answer: C
- 12) These organs belong to two organ systems.  
 A) bladder and ureters                      B) nerves and spinal cord  
 C) ovaries and testes                      D) larynx and trachea  
 Answer: C
- 13) The pancreas belongs to the endocrine system, and is an accessory organ of this organ system.  
 A) reproductive                      B) nervous                      C) lymphatic                      D) digestive  
 Answer: D
- 14) The \_\_\_\_\_ and \_\_\_\_\_ are part of the respiratory system.  
 A) bronchi, thymus                      B) testes, ovaries                      C) alveoli, trachea                      D) lungs, esophagus  
 Answer: C
- 15) The spleen, thymus, and tonsils are all part of the \_\_\_\_\_ system.  
 A) endocrine                      B) cardiovascular  
 C) respiratory                      D) lymphatic/immune  
 Answer: D
- 16) The major organs of the cardiovascular and respiratory systems, the heart and lungs, reside in the \_\_\_\_\_ cavity.  
 A) abdominopelvic                      B) thoracic                      C) spinal                      D) cranial  
 Answer: B
- 17) The major organs of this system allow you to draw, play tennis, dance, and frown.  
 A) cardiovascular                      B) nervous                      C) skeletal                      D) muscular  
 Answer: D
- 18) Which two body systems contribute to acid-base balance of blood?  
 A) respiratory and endocrine                      B) nervous and urinary  
 C) cardiovascular and endocrine                      D) urinary and respiratory  
 Answer: D
- 19) This body system is an essential companion to the cardiovascular system because it picks up leaked fluid from the blood vessels and returns it to the blood.  
 A) endocrine                      B) digestive  
 C) lymphatic/immunity                      D) urinary  
 Answer: C
- 20) Hormones are chemical messengers produced by the \_\_\_\_\_ system that helps in maintaining homeostasis.  
 A) urinary                      B) nervous                      C) endocrine                      D) cardiovascular  
 Answer: C