



## Second Quarter Assessment

Encircle the letter of the best answer.

1. How many bones does an adult human have?
  - a. 186
  - b. 196
  - c. 206
  - d. 256
  
2. The following are parts of the appendicular skeleton except \_\_\_\_\_.
  - a. carpals
  - b. ribs
  - c. tarsals
  - d. ulna
  
3. Which of the following pairings is incorrect?
  - a. femur - long bone
  - b. pinkie finger - short bone
  - c. skull - flat bone
  - d. spinal column - irregular bone
  
4. The outermost layer of the skin is the \_\_\_\_\_.
  - a. dermis
  - b. epidermis
  - c. extradermis
  - d. hypodermis
  
5. Which of the following is NOT a function of the integumentary system?
  - a. defense against pathogens
  - b. elimination of waste products
  - c. regulation of body temperature
  - d. none - all are correct



6. Digestion begins in the \_\_\_\_\_.
  - a. mouth
  - b. esophagus
  - c. stomach
  - d. small intestine
  
7. The rhythmic, wave-like movement of the digestive tract is called \_\_\_\_\_.
  - a. emesis
  - b. harmonic propulsion
  - c. peristalsis
  - d. traction
  
8. Final digestion and food absorption take place in the \_\_\_\_\_.
  - a. stomach
  - b. small intestine
  - c. large intestine
  - d. rectum
  
9. The part of the respiratory system that is also known as the windpipe is the \_\_\_\_\_.
  - a. bronchi
  - b. larynx
  - c. pharynx
  - d. trachea
  
10. The \_\_\_\_\_ are grape-like air sacs in the lungs where the exchange of oxygen and carbon dioxide takes place.
  - a. alveoli
  - b. bronchi
  - c. bronchioles
  - d. diaphragm
  
11. The liquid part of the blood is called the \_\_\_\_\_.
  - a. blood corpuscles
  - b. hematocrit
  - c. hemoglobin
  - d. plasma



12. Leukocytes are also known as \_\_\_\_\_.  
a. red blood cells  
b. white blood cells  
c. platelets  
d. plasma
13. The blood vessels that carry deoxygenated blood back to the heart are the \_\_\_\_\_.  
a. arteries  
b. veins  
c. capillaries  
d. none of the above
14. How many chambers does the human heart have?  
a. 2  
b. 3  
c. 4  
d. 6
15. The system that controls and coordinates the activities of the body is the \_\_\_\_\_.  
a. circulatory system  
b. endocrine system  
c. excretory system  
d. nervous system
16. The following are parts of the brain except \_\_\_\_\_.  
a. brain cord  
b. brain stem  
c. cerebellum  
d. cerebrum
17. Which part of the nerve cell receives signals and passes them on to the main part of the cell?  
a. axons  
b. neurons  
c. dendrites  
d. cell bodies



18. Which statement is correct?
- Sensory neurons carry messages from the brain to the effector organs.
  - Motor neurons carry messages from receptor organs to the brain.
  - Interneurons connect sensory and motor neurons in the peripheral nervous system.
  - None - all are incorrect
19. The division of the autonomic nervous system that produces opposing effects to the sympathetic nervous system is the \_\_\_\_.
- parasympathetic nervous system
  - peripheral nervous system
  - somatic nervous system
  - unsympathetic nervous system
20. The following vertebrates are cold-blooded except \_\_\_\_.
- amphibians
  - birds
  - fish
  - reptiles
21. Crocodiles are \_\_\_\_.
- amphibians
  - cnidarians
  - flightless birds
  - reptiles
22. Which vertebrate - body covering pairing is incorrect?
- amphibians - moist, scaly skin
  - fish - scales
  - mammals - hair or fur
  - reptiles - dry, scaly skin
23. Sponges belong to which group of invertebrates?
- annelids
  - cnidarians
  - echinoderms
  - poriferans



24. Sea stars, sea urchins, and sea cucumbers are \_\_\_\_\_.  
a. arthropods  
b. coelenterates  
c. echinoderms  
d. mollusks
25. Which pairing is incorrect?  
a. Crabs - arthropods  
b. Snails - mollusks  
c. Tapeworms - nematodes  
d. None - all are correct
26. The topmost layer of the rainforest is the \_\_\_\_\_.  
a. canopy  
b. emergent  
c. understory  
d. forest floor
27. Pollinators such as bees drink nectar from flowers and, as they move around, carry pollen from the male part of the flower to the female part of the same or another flower. This is an example of which type of relationship?  
a. commensalism  
b. competition  
c. mutualism  
d. parasitism
28. The following are types of coral reef formations except \_\_\_\_\_.  
a. atolls  
b. barrier reefs  
c. bleaching reefs  
d. fringing reefs
29. Mudskippers are most likely found in which habitat?  
a. coral reefs  
b. mangrove swamps  
c. tropical rainforests  
d. tundra



Science 6

30. Which is NOT a reason why mangrove swamps are important?
- a. They serve as breeding and nesting grounds for many animal species.
  - b. They serve as natural barriers, protecting the coastline from flooding and erosion.
  - c. They are an important source of livelihood for people living in coastal areas.
  - d. None - all are correct