

BODY SYSTEMS TEST

Direction: Choose the correct answer

Part 1: Digestive System

- Which of the following are all filter feeders?
A barnacles, clams, and blue whales
B clams, sponges, and planarians
C dolphins, otters, and blue whales
D fish and amphibians
- The openings of the digestive system of a complex animal are the
A pore and intestine
B crop and radula
C mouth, intestine, and anus
D mouth and anus

- Because it is an herbivore, a horse has pointed teeth.

True

False

- Filter feeders trap and eat microscopic organisms.

True

False

- In intracellular digestion, animals digest food outside their cells.

True

False



Part 2: Respiratory System

- All animals need a constant supply of _____

oxygen

carbonic

- Earthworms use their _____ for gas exchange.

lung

skin

- Cellular _____ is the process by which cells release the energy in digested food molecules.

Respiration

Circulation

- Because cells make carbon dioxide in cellular respiration, the concentration of carbon dioxide inside cells is usually greater than it is outside cells.

True

False

- Gills are structures where gases are exchanged between air and blood.

True

False



Part 3: Circulatory System



11. _____ are tiny, thin-walled blood vessels.

Capillaries

Veins

Arteries

12. The _____ is a hollow, muscular structure that pumps blood.

Heart

Blood Vessels

Blood

13. Both open and closed circulatory systems include blood, _____, and a heart.

Heart

Blood Vessels

Blood

14. Blood carries carbon dioxide and other wastes from lungs to the organs that eliminate them from the body.

True

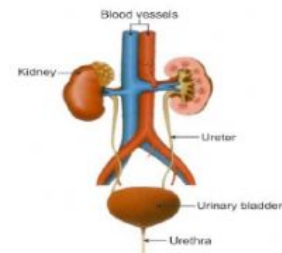
False

15. In a three-chambered heart, oxygen-rich blood and oxygen-rich blood mix in the ventricle.

True

False

Part 4: Excretory System



16. _____ is a watery fluid that holds wastes.

Poop

Urine

17. The _____ filters nitrogen-containing wastes from the blood.

Kidney

Bladder

18. The excretory system transports needed material to cells and takes away wastes.

True

False

19. An animal's excretory system rids its body of nitrogen-containing wastes and water.

True

False

20. Capillaries filter nitrogen-containing wastes from the blood.

True

False