Name: _____

Date: _____ Grade: _____

SECTION QUIZ 5-1



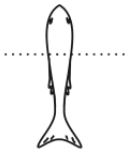
Remember:
Score an average of 85% or higher on all three quizzes, and you may be exempt from the chapter test!



Congratulations! You have completed this section!

Answer the following questions to test your understanding of the material. When you are finished, hand in your quiz to your teacher. Each answer is worth 2 points.

1. Which of the following diagrams illustrates bilateral symmetry? _____

(a) 

(c) 

(b) 

(d) 

2. Fish, amphibians, reptiles, mammals and birds make up the: _____ _____.
   (a) five types of acrostics
   (b) five types of vertebrates
   (c) five types of invertebrates
   (d) five types of cold-blooded creatures

3. Sight, hearing, taste, touch and smell are the five senses common to: _____ _____.
   (a) all vertebrates (c) all creatures
   (b) all invertebrates (d) only mammals

4. Which of the following is an example of metamorphosis? _____
   (a) a fry becomes a fish
   (b) a tadpole becomes a frog
   (c) freshwater fish adapt to saltwater
   (d) none of the above

5. All of the following are organs of respiration for amphibians, **EXCEPT** the: _____.
   (a) gills (b) skin (c) lungs (d) mouth

6. An animal that depends upon external conditions to control its body temperature is: _____.
   (a) cold-blooded (c) always cold
   (b) insensitive (d) warm-blooded

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7. The purpose of any egg covering is to _____ the eggs from predators and to keep the eggs _____.
   (a) hide; dry (c) protect; moist
   (b) protect; hidden (d) hide; porous

8. Fish and amphibian eggs are fertilized externally _____ they are laid, whereas reptile eggs are fertilized internally _____ they are laid.
   (a) before, after (c) after, before
   (b) while, before (d) before, while

9. Which is **NOT** a theory about dinosaur extinction discussed in your text? _____
   _____
   (a) They evolved into birds.
   (b) They could not survive the Ice Age.
   (c) A meteorite collided with Earth, creating dust that blocked out sunlight.
   (d) They drowned in a worldwide catastrophic flood.
   (e) They attacked and killed each other until none remained.

Matching:

10. _____ vertebrates	(a) controls buoyancy at various depths
11. _____ vertebrae	(b) process of fish egg laying and fertilization
12. _____ skull	(c) living in or near the water
13. _____ rib cage	(d) protects the heart and lungs
14. _____ lateral line	(e) long term inactivity during the coldest months of the year
15. _____ spawning	(f) protects the brain
16. _____ torpor	(g) detects water pressure changes
17. _____ air bladder	(h) classification of the largest animals in the world
18. _____ aquatic	(i) protect the spinal cord
19. _____ hibernation	(j) time of reptile inactivity during the hottest part of the day

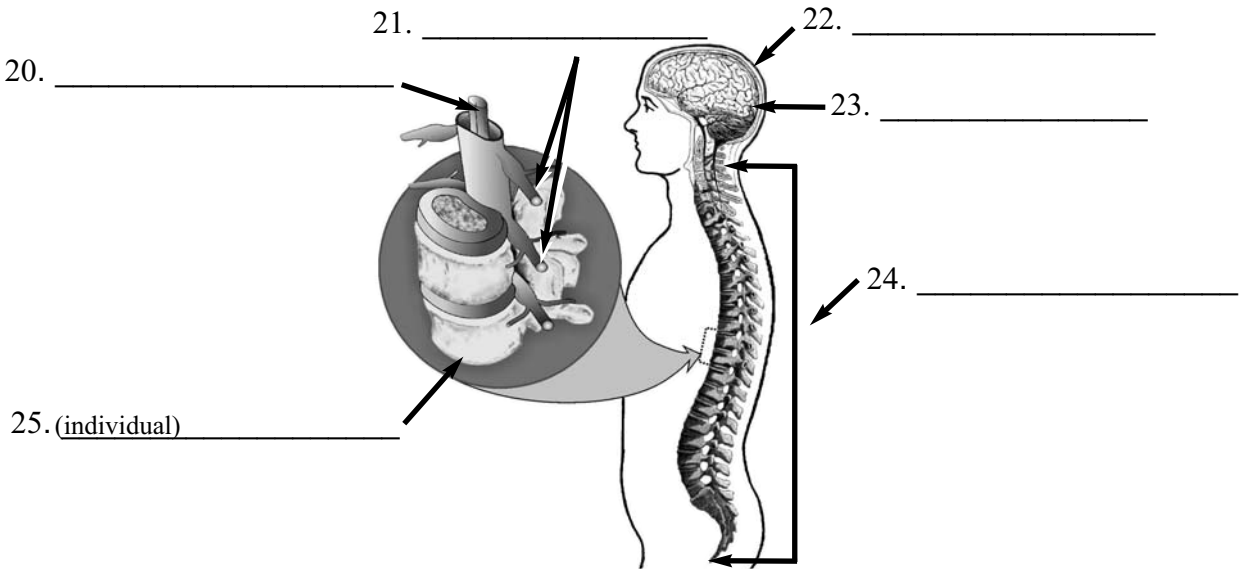
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SECTION QUIZ 5-1

Fill in the blank: Choose the correct word from the WORD BANK.

WORD BANK		
spinal column	vertebra	skull
spinal cord	vertebrae	nerves
brain	tailbone	backbone

Human Nervous System



True or False: Write the correct answer.

26. _____ A fish constantly takes in oxygen through its gills and expels carbon dioxide through its mouth.

27. _____ Most fish eggs do not survive to develop into mature fish.

28. _____ Scientist's theories about unobservable events sometimes appear to depend more on belief systems than on hard evidence.

29. _____ By means of the scientific method, scientists search for truth, whether or not new evidence conforms to commonly accepted theories, while pseudo science chooses not to study evidence that could prove accepted theories to be wrong.

30. _____ Scientific artwork of dinosaurs is always based on complete, fossilized skeletons.

31. _____ Fossils are only formed when animals are buried rapidly in mineral-rich mud.

32. _____ The tilt of the Earth on its axis causes variation in the length of daylight hours during different seasons.

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SECTION QUIZ 5-1

Matching:

33. _____ Walter Alvarez
34. _____ newt
35. _____ archaeoraptor
36. _____ hellbender
37. _____ William Gilbert
38. _____ mud puppy
39. _____ Kenneth Oakley

(a) largest type of salamander in the United States

(b) toxic skin can kill predators

(c) conducted rigorous tests on Piltdown Man claimed by scientists to be the "missing link" between man and apes; proved it to be a hoax

(d) type of salamander living mostly in lake or river bottoms

(e) publicized as transition between dinosaurs and birds; found to be a fraud

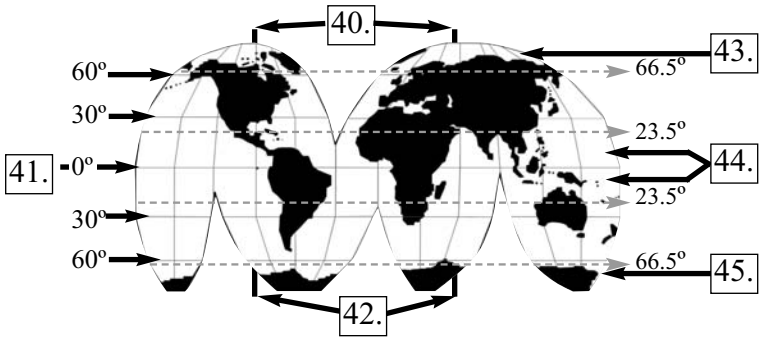
(f) by means of experiments proved wrong the commonly accepted "scientific" theory that garlic caused a ship's compass to malfunction; forerunner of the scientific method

(g) geology professor, studied sediment in Italy, proposed meteorite theory as reason for dinosaur extinction

Fill in the blank: Choose the correct word from the WORD BANK.

WORD BANK		
North Temperate	Antarctic Frigid	Arctic Frigid
South Pole	South Temperate	Tropics
Equator	North Pole	

40. _____
41. _____
42. _____
43. _____
44. _____
45. _____



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SECTION QUIZ 5-1

Complete the Life Principles:

46. *"The most gracious way to disagree with an angry person is to _____ _____."*
47. *"_____ is the best response to accusations or questions."*
48. *"The _____ is a key to the past."*
49. *" _____ will ultimately prevail where there are plans undertaken to bring it to light."*
50. *"The frog does not drink up the _____ in which he lives."*

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