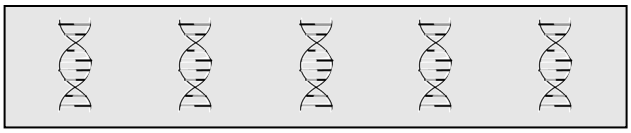
Name: _____

Date: _____ Grade: _____

SECTION QUIZ 4-3



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 2.5 points.

Matching: Choose the correct answers.

1. _____ mollusks
2. _____ black widow spider
3. _____ brown recluse spider
4. _____ animal kingdom
5. _____ vertebrates
6. _____ invertebrates
7. _____ bivalves
8. _____ univalves
9. _____ arthropods
10. _____ arachnids
11. _____ insects
12. _____ social insects

(a) have 8 legs, 2 body segments; include spiders, scorpions, ticks, mites.
(b) mollusks with 2 part hinged shells such as clams or oysters
(c) divided into two categories or phyla; vertebrates and invertebrates
(d) invertebrates which include gastropods, univalves, bivalves and those with no shells (squid, octopuses, slugs)
(e) light brown with dark brown violin mark on its upper back
(f) mollusks with a single-part shell (such as snails)
(g) arthropods having 6 legs, 3 body segments, compound eyes and antennae (fleas, locusts, grasshoppers, etc.)
(h) animals having backbones (frogs, reptiles, birds, mammals)
(i) all are invertebrates with exoskeletons, jointed legs; includes insects
(j) live in colonies, have caste systems, model hard work, communication, teamwork. (ants, termites, bees)
(k) shiny, jet black with red hourglass mark on abdomen
(l) animals without backbones, most have exoskeletons; includes all mollusks, arthropods

True or False: Write the correct answers.

13. _____ Sponges are ocean plants that attach themselves to hard surfaces.
14. _____ Poaching is a legal activity.
15. _____ Gills allow aquatic animals to breathe oxygen on land.
16. _____ Exoskeletons expand as the animal grows.
17. _____ Nature's purpose and balance cannot be thwarted by man.
18. _____ Insects are the most numerous of all living creatures combined.

SECTION QUIZ 4-3

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

WORD BANK

biologists	vertebrates	spiders	mollusks	hermit
crabs	ticks	centipedes	invertebrates	scorpions
zoologists	millipedes	pearl	chrysalis	botanists
mother of pearl	larvae	botanists		

19. Sponges, jellyfish, clams, spiders and insects are all examples of _____.

20. The smooth pearly lining of clam shells is called _____.

21. Squids, octopuses and slugs are _____ without shells.

22. _____ are quick moving, seem to have "100 legs" (one pair per body segment), have a poisonous bite.

23. _____ are slow moving, seem to have "1000 legs" (two pair per body segment), are harmless to humans.

24. _____ live in a series of borrowed shells.

25. _____ are blood-sucking arachnids responsible for Lyme Disease and Rocky Mountain Spotted Fever.

26. Unlike most other arachnids, most _____ are beneficial to humans because they eat so many flies and other insects.

27. _____ study living things in general.

28. _____ study animal life.

29. _____ study plant life.

30. The name for worm-like baby insects is _____.

31. A _____ is a hard cocoon in which a pupa undergoes a miraculous change and emerges as a butterfly or similar winged creature.

Multiple Choice: Choose the correct answer.

32. A soft-shelled crab is: _____.
    (a) a type of hermit crab
    (b) named for its soft shell
    (c) a name given to any crab in the process of molting
    (d) also known as a crayfish or "crawdad"

33. Which of the following are legitimate health concerns about eating crustaceans and mollusks (often called "seafood" or "shellfish")? _____
    (a) mercury contamination
    (b) absorbs various toxins
    (c) Hepatitis A possibilities
    (d) all of these

SECTION QUIZ 4-3

34. The main purpose of spider webs is to: _____.
    (a) protect the spider from its enemies
    (b) trap insects for the spider to eat
    (c) provide a sort of ladder on which the spider can climb
    (d) produce web filaments to help blood to clot

35. _____ are the means by which spiders are able to travel a half mile high in the air for hundreds of miles on wind currents.
    (a) webs
    (b) draglines
    (c) web balloons
    (d) all of these

Complete the Life Principles.

36. "*Listen to the voice of _____, for it holds treasures for you."*

37. *"Science still contains unanswered questions and undisclosed _____ that have not yet been weeded out."*

38. *"True friends _____ our best efforts, but wrong companions pull us down."*

39. *"The best way to stop big troubles is to begin stopping the _____ troubles."*

40. *"Human 'worms' can become _____ as their lives are redirected toward loftier goals."*