Name: _____

Date: _____ Grade: _____

SECTION QUIZ 3-2



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 2.17 points.

Matching:

1. _____ carbohydrates	(a) build and maintain body tissues
2. _____ fats	(b) preferred source of energy
3. _____ proteins	(c) build strong bones and teeth
4. _____ vitamins	(d) carry fat-soluble vitamins
5. _____ minerals	(e) regulate body processes

Multiple Choice: Choose the correct answer.

6. How do nutrients function in your body? _____
   (a) supply energy
   (b) build, repair and maintain body tissues
   (c) regulate body processes
   (d) all of these
   (e) only a and b

7. What function(s) does water have in the human body? _____
   (a) carry nutrients to cells
   (b) carry waste products from cells
   (c) both a and b
   (d) neither a nor b

8. The most common type of rock is: _____.
   (a) igneous (b) metamorphic (c) sedimentary

9. Which sequence does the following show? _____
   energy from the Sun → plants produce food with solar energy → plants consumed by animals → animals decomposed by fungi and bacteria → decomposers return nutrients to soil → plants use nutrients to grow
   (a) the rock cycle
   (b) the nitrogen cycle
   (c) the carbon cycle
   (d) the food chain

10. Which situation would produce the least friction? _____
    (a) a large box sliding across carpet
    (b) a thin tire rolling on gravel
    (c) an ice skate blade sliding on ice
    (d) a wide car tire on pavement

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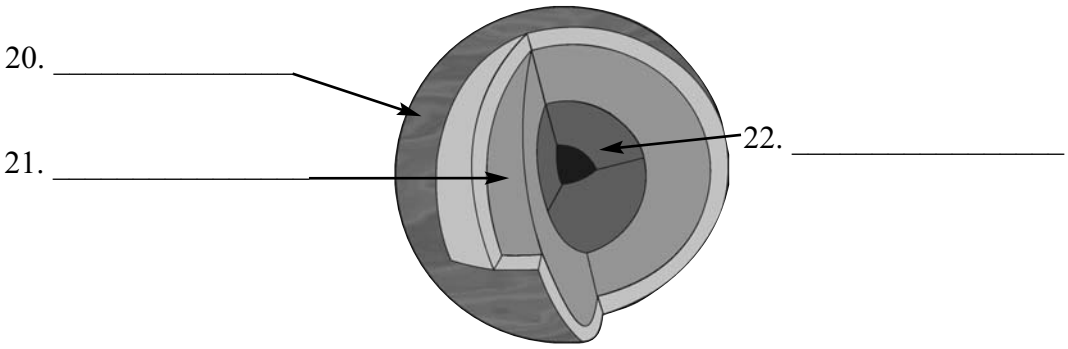
11. Friction would be LEAST desired: _____.
    (a) in vehicle movement
    (b) in a basketball game
    (c) during an ice skating competition
    (d) while running a marathon

Matching:

12. _____ simple carbohydrates
13. _____ complex carbohydrates
14. _____ good fats
15. _____ bad fats
16. _____ water-soluble vitamins
17. _____ fat-soluble vitamins
18. _____ proteins
19. _____ major minerals

(a) meats, nuts, beans, eggs, milk, cheese
(b) A, D, E, K, are stored in body
(c) nuts, butter, olives/olive oil, coconuts/coconut oil
(d) whole grains, vegetables, legumes
(e) fruits, honey, sugar
(f) B, C, are not stored in body
(g) calcium, iron, magnesium, potassium
(h) animal fats, hydrogenated fats (margarine, shortening), most refined oils

Label the layers of the Earth:



Matching:

23. _____ rock cycle
24. _____ sedimentary rock
25. _____ igneous rock
26. _____ metamorphic rock

(a) formed when tiny pieces of rock are compressed together
(b) formed from intense heat and pressure inside the Earth
(c) formed when lava cools on Earth's surface
(d) one kind of rock becoming another kind

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SECTION QUIZ 3-2

True or False: Write the correct answer.

27. _____ One type of rock can change into another type if conditions are right.
28. _____ Friction is a force.
29. _____ The greater the surface area, the less the friction.
30. _____ The smoother the surface texture, the less friction.

Fill in the blank by using words from the WORD BANK.

WORD BANK

geology	function	formation	soil	sedimentary rocks
friction	rock	food pyramid	oil	Elijah McCoy
dark	Frederick Price	nutrients	sandy	R. G. Le Tourneau

31. Because _____ reduces friction on rough surfaces, it is used as a lubricator in engine parts.
32. Heat, pressure and location of rocks determine the type of _____ that results.
33. As a group, proteins, fats, carbohydrates, vitamins, minerals and water are _____.
34. The _____ provides six categories of foods with recommended numbers of servings.
35. _____ is composed of organic and inorganic substances, gases and water.
36. _____ designed and built huge, earth-moving machines and gave away most of his money.
37. _____ invented a lubricator cup to regulate the oil flow in machines.
38. _____ soils tend to be more fertile than others.
39. _____ invented a refrigeration system for over-the-road trucks to keep foods cold.
40. Force, surface area and surface texture determine the amount of _____ that results from the interaction of two surfaces.
41. _____ is the study of Earth and the natural forces that act upon the Earth.

Complete the Life Principles.

42. *"_____ well to be well."*
43. *"Failure to _____ leads to failure; good planning leads to success."*
44. *"With _____ you can move mountains."*
45. *"Changes in your life are _____ for learning new things."*
46. *"Avoiding _____ in your life will make your days go smoother."*

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