Name: _____

Date: _____ Grade: _____

SECTION QUIZ 1-3



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 2.0 points.

Matching:

1. _____ food	(a) producers
2. _____ environment	(b) surroundings
3. _____ DNA	(c) energy transfer among organisms
4. _____ plants	(d) energy for survival
5. _____ animals	(e) meat-eating animals
6. _____ food chain	(f) consumers
7. _____ predators	(g) intensely complex genetic code

Multiple Choice: Choose the correct answer.

8. A particular place where an organism lives is its: _____.
   (a) work environment
   (b) surroundings
   (c) habitat
   (d) ecosystem

9. The relationship between living and nonliving things within an environment forms a(n): _____.
   (a) food chain (b) food web (c) ecosystem (d) coalition

10. Fertilization is the process of: _____.
    (a) an egg being released from the ovary (c) menstruation
    (b) a sperm and egg uniting (d) sperm being manufactured in the testes

11. Which branch of science deals with traits passed from parent to offspring? _____
    (a) physics (b) ecology (c) genetics (d) chemistry

12. What part of the cell carries information that determines traits of offspring? _____
    (a) chromosomes (b) cell wall (c) blood (d) dominant molecules

13. What is the best way to keep germs off your skin? _____
    (a) get immunized (c) wash your hands, bathe regularly
    (b) take an antibiotic (d) use an antiseptic

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Fill in the blank: Choose the correct word from the WORD BANK for questions 15-28.

WORD BANK

pathogens	biology	female	attack	communication
vaccines	equal	birth	actions	conception
wellness	traits	male	immune	reproductive
instinctive	acquired	genetics	teen	menstruation

14. Good _____ is important in preventing conflicts and misunderstandings.
15. Gregor Mendel is known as the Father of _____.
16. Life begins at _____.
17. An offspring is the product of _____ contributions from both parents.
18. _____ occurs in a female when an egg is not fertilized.
19. Characteristics passed from parents to children are _____.
20. Pathogens _____ your cells and tissues.
21. Your _____ system is in charge of protecting your body against pathogens.
22. Ovaries, uterus and fallopian tubes are part of the _____ reproductive systems.
23. _____ can provide immunity to certain diseases.
24. _____ means an overall state of good health.
25. Sperm, semen and testes have to do with the _____ reproductive system.
26. Many _____ are spread through the air or by contact with their carriers.
27. Many of the most important decisions in life are made during your _____ years but impact the rest of your life.
28. A dog leading a blind person is an example of _____ behavior.

True or False: Write the correct answer.

29. _____ Married people live longer, healthier lives than singles.
30. _____ Mendel concluded that a trait must be controlled by factors inherited from both parents.
31. _____ The way to avoid HIV and other negative consequences is to avoid those behaviors which would put you at risk for exposure.
32. _____ What you think and do in the present usually determines what you will do and become in the future.
33. _____ Mendel's experiments supported Darwin's Theory of Evolution.
34. _____ Learned behaviors can be "unlearned."

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SECTION QUIZ 1-3

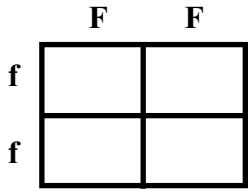
Matching:

35. _____ antibodies	(a) inheritance patterns
36. _____ reproduction	(b) fight disease
37. _____ Mendel's Laws	(c) emotions, thought processes
38. _____ pathogens	(d) chemical reproduction
39. _____ mental health	(e) offspring of like kind
40. _____ cloning	(f) viruses, bacteria (germs)

Complete the Life Principles.

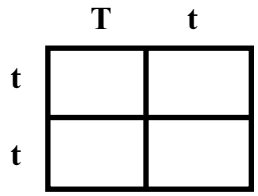
41. *"A clean thought comes from a clean _____."*
42. *"_____ is the greatest form of flattery."*
43. *"_____ is passed from generation to generation."*
44. *"Life is a _____ worth living."*
45. *"No matter what a man's past may have been, his _____ is spotless."*

Answer questions #46-50 using Punnett squares A and B and what you have learned.
Square A: One parent cat has dark fur (FF), and the other parent cat has light fur (ff).



46. **FF** represents_____ traits. (a) dominant or (b) recessive
47. **ff** represents _____ traits. (a) dominant or (b) recessive
48. What is the only possible gene combination for these kittens? _____

Square B: One parent bean plant is tall (Tt), the other parent bean plant is short (tt).



49. What *fraction* of the offspring plants will be tall? _____
50. What *percentage* of offspring plants will be short? _____

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