ACTIVITY ANSWER KEY

Chapter 2, Section 3

Check your answers from the Answer Key. Answers separated by commas may be in any order. Answers separated by semicolons must be in stated order. Correct all errors, then complete your next goal.



Lesson 11: The Human Body: *The Immune System—Introduction*

1. (a) True
2. (a) True
3. (a) True
4. vomiting, diarrhea
5. (c) allergic reaction
6. disease
7. (d) Rickets
8. (c) Scurvy
9. (a) True
10. melanin
11. (b) genetic
12. (b) reproduce

13 melanoma

14. (c) pathogen
15. (a) True
16. (d) all of these
17. (wording may vary) It creates a barrier to prevent pathogens from entering the body.
18. (wording may vary) It tries to detect and eliminate pathogens before they reproduce, if they do enter the body.
19. (wording may vary) It is in charge of eliminating the pathogen while it is reproducing and causes health problems.
20. (b) nonspecific
21. (d) all of these
22. _X_ (a) tears
    _X_ (b) enzymes
    _X_ (c) saliva
    ____ (d) white blood cells
    _X_ (e) mucus
    ____ (f) antibodies
23. (a) True
24. (b) Borrelia burgdoferi
25. (a) fungus
26. (d) Chickenpox
27. (a) Beef tapeworm
28. (d) Influenza
29. your conscience
30. (wording may vary) It helps us know right from wrong (or helps keep us out of trouble).
31. (a) True
32. *"Look to your health; and if you have it, praise God and value it next to conscience; for health is the second blessing that we mortals are capable of, a blessing money can't buy."*

1. increase
2. (b) serious infection
3. (b) leukocytes



Lesson 12: The Human Body: *The Immune System—Function*

4. (c) bone marrow
5. immunity
6. (a) True
7. _d_ antibody
8. _g_ antigen
9. _b_ complement protein
10. _e_ lymphocyte
11. _a_ B cells
12. _f_ T cells
13. _c_ plasma cells
14. (c) Y
15. antitoxin

16. (b) permanent
17. (b) vaccine
18. (b) False
19. (a) True
20. (b) killer T cell
21. (c) cell-mediated immunity
22. (c) helper T cell
23. (a) suppressor T cell
24. autoimmune disease
25. juvenile-onset; rheumatoid; systemic; multiple sclerosis
26. (c) histamines
27. (d) all of these
28. (a) avoid the particular antigen that causes it; seek natural solutions
29. (c) immune
30. (b) memory B cell
31. (b) False
32. (b) False
33. *"A wise man should consider that health is the greatest of human blessings, and learn how...to derive benefit from his illnesses."*



Lesson 13: The Human Body: *The Reproductive System—Introduction*

1. (a) True
2. (c) gametes
3. (c) ovaries
4. (b) testes
5. (a) estrogens; androgens
6. (a) increases
7. (c) pituitary gland
8. (a) FSH
9. (b) LH
10. (b) 23
11. (wording may vary) voice deepens, growth of body hair, development of large upper body muscles
12. (c) progesterone and estrogen
13. ovum
14. _c_ scrotum
15. _a_ seminiferous tubules
16. _b_ epididymis
17. _d_ vas deferens
18. (b) cooler
19. (a) True
20. _d_ follicle
21. _f_ Fallopian tube
22. _b_ ovulation
23. _e_ uterus
24. _a_ cervix
25. _c_ vagina
26. prostate (gland)
27. vas deferens
28. penis
29. scrotum
30. testicle (or testes)
31. epididymans
32. uterus
33. cervix
34. vagina
35. Fallopian tube
36. ovary
37. *"True love is to meet the emotional and physical needs of another person without expecting anything in return."*



Lesson 14: The Human Body: *The Reproductive System—Function*

1. menstrual cycle
2. (b) low
3. (a) follicle
4. (c) develops to maturity
5. thicker
6. (c) LH
7. (c) breaks open, releasing the egg
8. (b) becomes a corpus luteum
9. (c) both estrogen and progesterone
10. pregnancy
11. (c) LH and FSH
12. (b) low
13. menopause
14. (b) million

15. (d) Fallopian tube
16. (b) fertilization
17. zygote
18. (a) morula
19. (b) blastocyst
20. (a) implantation
21. (c) HCG
22. (c) gastrulation
23. _c_ Ectoderm
    _a_ Mesoderm
    _b_ Endoderm
24. neural tube
25. (d) neurulation
26. (d) placenta
27. umbilical cord
28. (b) False
29. (c) ovulation
30. (a) thickening
31. (a) FSH and LH
32. *"We must not (be) ...blind ...to the fact that each moment of life is a miracle and mystery."*



Lesson 15: The Human Body:
The Reproductive System—Fetal Development & Birth

1. inch; eyes, heart, fingers, brain
2. (a) True
3. 8-10
4. fetus
5. (a) True
6. (b) nine
7. (b) oxytocin
8. (c) ten
9. (a) his or her first breath of air
10. _c_ 1st stage labor
    _a_ 2nd stage labor
    _b_ 3rd stage labor
11. (a) pituitary
12. immune; digestive system
13. (a) True
14. physical, spiritual, emotional
15. _X_ homes with husband and wife present
    ____ single-parent homes
    ____ foster homes
    ____ orphanages
    _X_ homes where parents perform roles responsibly
    ____ homes riddled with alcohol and or drugs
    _X_ parents working as a loving team in child rearing
    ____ blended families
    ____ two men as parents
    ____ two women as parents
16. (a) True
17. structure, function
18. *"There are two ways to live your life: One is as though nothing is a miracle. The other is as though everything is a miracle."*

Ask for your QUIZ over Section 3.
Reminder: Students who score 85% or higher on the three section quizzes may be exempt from the chapter test!