ACTIVITY ANSWER KEY

Chapter 8, Section 3

Check your answers from the Answer Key.
Correct all errors, then complete your next goal.

Lesson 11: *Compounds*
Nitrogen Compounds and Fibers

1. strong
2. Nitrogen
3. (c) ***nitrogen-fixing bacteria***
4. nitrogen
5. fertilizers
6. (b) False
7. (c) unstable
8. (b) False
9. (a) letters of tri-nitro-toulene
10. (b) False
11. (b) synthetic
12. Camphor
13. flexible
14. (b) celluloid
15. Cellophane
16. synthetic
17. (d) plant fibers
18. (a) animal fibers
19. (d) synthetic fibers
20. *"We have barely scratched the surface in our exploration of the wonders of God's universe."*

Lesson 12: *Compounds*
Vitamins

1. (a) True
2. (c) physician
3. (d) two oranges and a lemon
4. (b) False
5. one, (1)
6. limeys
7. (c) lack of a certain nutrient
8. (d) life
9. (a) blindness
10. scurvy
11. ultraviolet
12. (c) vitamin D
13. D
14. E
15. vegetables
16. blood
17. essential
18. (b) False
19. vitamin
20. *"None are so old as those who have outlived enthusiasm."*

Lesson 13: *Compounds*
Vitamins and Protein

1. (b) False
2. (b) engage in trade
3. (c) malaria
4. (d) "I cannot"
5. (b) False
6. (b) contained butterfat and could spoil easily
7. (c) polished white rice
8. (c) ignored
9. vitamin B_1
10. (b) False
11. proteins
12. (d) nitrogen
13. importance

14. 30,000
15. (a) True
16. (b) False
17. (b) hydrogen
18. spiral
19. helix
20. *"The most important of my discoveries has been suggested to me by my failures."*



Lesson 14: *Compounds*
Protein

1. amino acids
2. amino acids
3. (c) ***keratin***
4. (c) *collagen*
5. Cartilage
6. (d) boiling collagen
7. glue
8. B
9. essential
10. cannot
11. (b) False
12. Complete proteins
13. uncommon
14. (a) grow and repair tissue
15. (a) True
16. viruses
17. (c) proteins
18. immune, antibodies
19. (b) False
20. *"Let no one ever come to you without leaving better and happier. Be the living expression of God's kindness: kindness in your face, kindness in your eyes, kindness in your smile."*



Lesson 15: *Compounds*
Colloids and Other Elements in Organic Compounds

1. (b) ***colloid***
2. (c) solution
3. (a) True
4. possible
5. kidneys
6. Dialysis
7. (d) solid
8. 96
9. (b) False
10. (b) *hydrogen sulfide*
11. (b) sulfur
12. sodium bicarbonate (or bicarbonate of soda)
13. (d) the harmful effects of a poison
14. (b) False
15. (d) trace
16. some
17. five (5)
18. (b) False
19. drinking
20. *"If I have made any valuable discoveries, it has been owing more to patient attention than to any other talent."*

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!