Test Prep Pretest

1. d
2. b
3. a
4. d
5. c
6. b
7. c
8. c
9. b
10. b
11. d
12. c
13. f
14. a
15. g
16. h
17. e
18. b
19. amino acids
20. prokaryotes
21. mass extinction
22. stromatolites
23. arthropods
24. The geologic time scale was built from all the evidence of past life and geologic events found in the rocks on Earth. Evidence of several mass extinctions, during which almost all existing life-forms died out, helped scientists divide the geologic time scale into four large blocks of time.
25. The theory of endosymbiosis is that some free-living bacteria that were able to convert energy from one form to another were engulfed by and lived inside larger prokaryotic cells. Eventually, the cells that used light to produce organic molecules and gave off oxygen became chloroplasts of eukaryotic cells and the oxygen-requiring bacteria became mitochondria.

Quiz

SECTION: HOW DID LIFE BEGIN?

1. c
2. a
3. c
4. d
5. e
6. d
7. f
8. b
9. c
10. a

SECTION: THE AGE OF EARTH

1. c
2. a
3. b
4. c
5. f
6. d
7. c
8. a
9. e
10. b

SECTION: EVOLUTION OF LIFE

1. b
2. d
3. a
4. c
5. d
6. b
7. c
8. c
9. c
10. d

Chapter Test (Basic)

1. F
2. T
3. F
4. T
5. b
6. c
7. c
8. b
9. b
10. cyanobacteria
11. Mesozoic
12. mass extinction
13. fossil
14. Precambrian
15. Cenozoic
16. d
17. c
18. e
19. b
20. a

Chapter Test (General)

1. d
2. e
3. a
4. c
5. b
6. d
7. b
8. a
9. b
10. d
11. c
12. a
13. b
14. c
15. d
16. a
17. b
18. c
19. c
20. c

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Chapter Test (Advanced)

1. b
2. a
3. c
4. b
5. d
6. d
7. b
8. c
9. c
10. b
11. a
12. c
13. b
14. d
15. b
16. j
17. c
18. g
19. i
20. f
21. e
22. h
23. d
24. b
25. a

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