

CSE 101 Answer Key

Lesson 1

1. inspiration, doctrine, reproof, correction, instruction
2. inspire
3. A. Who am I? B. Where did I come from? C. Why am I here?
D. Where am I going when I die?
4. opposite
A. Evolution(ist) (1) Man (2) big bang, nothing
B. Creation(ist) (1) God (2) designed/created
5. 1859
6. Christ, evolution, war
7. exclude
8. Genesis 1:1
9. Lucifer, enlightened, cherubim
10. A. doubt
11. C. deify
12. B. deny
13. Jesus Christ
14. A. heaven B. God C. congregation D. clouds E. High
15. created, image

Lesson 2

1. lies, truth
2. God's
3. A. cosmic
B. chemical
C. stellar and planetary
D. organic
E. macro
F. micro
4. religious

5. scientific
6. micro, macro
7. matter, created, destroyed
8. heat power
9. changed
10. A. Somebody made the world. B. The world made itself.
11. created, "Humanist Manifesto"
12. John Dewey
13. big bang
14. universe
15. spoke, infinite
16. creationists
17. A. matter B. laws C. energy
18. big bang
19. evenly distributed, lumpy, voids
20. disorder
21. wax old

Lesson 3

1. evolution
2. Scopes, 1925, Dayton
3. John Scopes, atheist, Clarence Darrow
4. William Jennings Bryan
5. guilty, minimally fined, overturned, appeal
6. evolution, overturned
7. creation
8. balanced treatment
9. ACLU
10. demand, force
11. demand, force
12. Supreme Court, mandatory
13. evolution

14. Communism, Roger Baldwin
15. American Civil Liberties Union
16. communism
17. Creationism, communism
18. exempt
19. *Inherit, Wind*
20. 1957, *Sputnik*, Soviet Union
21. 1959
22. grants
23. BSCS (Biological Sciences Curriculum Study)
24. Madalyn Murray O'Hair
25. William Murray, ninth, *My Life Without God*
26. Moral standards, evolution
27. Fish, Amphibian, Reptile, Mammal
28. time
29. Science
30. doctrine of humours

Lesson 4

1. 6,000
2. Jesus
3. when the beginning was
4. sin
5. death
6. second
7. Francesco Redi, Louis Pasteur
8. their sisters
9. A. There was no other choice. No one would have thought it was wrong.
B. Who would you report them to? They were the only people in the world.
C. There were no laws against it until 2,500 years later.
D. Adam married his rib!
10. There were no defective genes yet present.

11. Ten
12. "These are the generations of"
13. Moses
14. eyewitnesses
15. *schin*
16. Jerusalem
17. God

Lesson 5

1. credibility, Genesis
2. credibility, Jesus, Jesus, Genesis, 25
3. Genesis, 200, New
4. evolutionists
5. scientific, billions
6. Thomas Malthus
7. Herbert Spencer
8. Genesis
9. E. 3 billion
10. C. $\frac{1}{4}$ billion
11. A. 1 billion
12. D. 5 billion
13. B. over 6 billion
14. galaxy
15. the Milky Way
16. Sirius
17. red, white
18. nine, sun
19. Ganymede
20. mostly ice, dirt
21. inverse square
22. tides

23. A. population B. Galaxies C. increasing D. Jupiter E. Ganymede F. Saturn

Lesson 6

1. Comets
2. A. Short-period B. Long-period
3. sun, earth
4. Pluto
5. muse
6. theist
7. magnetic field
8. magnetic reversals, stronger, weaker magnetism
9. A. internal friction B. liquid surface C. wind
10. Desertification
11. Sahara, 4
12. oil, organisms, heat, pressure

Lesson 7

1. 4,300
2. Methuselah
3. ring
4. Australia
5. Great Barrier Reef
6. Ontario
7. 7 ½ miles
8. 4.7
9. saltier
10. distillation
11. 3.6%
12. 5,000
13. flowstones
14. False

15. complex, descriptive
16. thought processes
17. Egyptian
18. Egyptian, pharaohs', chronological
19. Seventy-five, public schooling

Lesson 8

1. thickness, dust
2. 67, space
3. a. creation; b. Flood; c. coming judgment
4. verse 1, verse 2
5. Death
6. Physical
7. Eternal
8. *male*
9. *shanah* [also *shoov(b)*]
10. to fill
11. to fill again
12. angels
13. A. historical position B. Scripture
14. A. gap. Chalmers B. day-age
15. A. atmosphere B. outer space C. God's Heaven
16. 6, 7

Lesson 9

1. canopy, layer/canopy, water
2. Seventy
3. water, ultraviolet light, x-ray radiation, Visible, radio
4. air pressure, filter
5. water, crust, earth
6. latent heat, condensation
7. canopy, water, Mount Everest
8. A. Mount Everest B. above

9. canopy, inside, crust
10. San Andreas, 46,000
11. greenhouse effect
12. carbon dioxide, water, greenhouse effect
13. canopy, water, runaway greenhouse
14. lungs, nostrils
15. Amber
16. 21
17. richer/increased, doubled
18. hyperbaric oxygen
19. Pensacola, Florida
20. National Center, Science Education
21. Eugenia Scott

Lesson 10

1. 912, 70, 80
2. Methuselah
3. Methuselah, mercy
4. A. near-perfect (or pure) gene, defective chromosomes
B. canopy, water C. perfect diet, sun, mineral rich D. perfect atmosphere
5. rib
6. God's
7. ape
8. giants
9. B. Nebraska man
10. A. Neanderthal man
11. C. Piltdown man
12. larger, thicker
13. muscle, muscle

Quiz 1 (after lesson 2)

1. What do the words *inspire* or *inspiration* mean? to “breathe in”

What are the *four great questions of life*?

2. Who am I?

3. Where did I come from?

4. Why am I here?

5. Where am I going when I die?

6. What year was Darwin’s book *Origin of Species* published? 1859

What are the **three** lies (statements) of Satan and his intentions?

7. “Hath God said?” Cast doubt on God’s Word.

8. “Ye shall not surely die.” Deny God’s Word.

9. “Ye shall be as gods.” Deify mankind.

10. What does the name *Lucifer* mean? light-bearer, enlightened one

***Bonus:** What is the term for what we believe? doctrine

Quiz 2 (after lesson 3)

Label the following types of evolution:

1. **cosmic evolution** - the origin of time, space, and matter
 2. **chemical evolution** - the origin of higher elements from hydrogen
 3. **stellar and planetary evolution** - the origin of stars and planets
 4. **organic evolution** - the origin of life
 5. **macroevolution** - the origin of major kinds
 6. **microevolution** - the origin of variations within kinds
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7. Give the two-word definition for *thermo/dynamics*. **heat / power**
 8. In what year was the first “Humanist Manifesto” written? **1933**
 9. Who was a signer of the first “Humanist Manifesto” and responsible for education’s infiltration by humanism? **John Dewey**
 10. Give the two-word definition of *universe (uni/verse)*. **Single / Sentence**

***Bonus:** List **three** problems with the big bang theory.

- (1) **Where did the matter come from?**
- (2) **Where did the energy come from?**
- (3) **How do you explain retrograde motion (laws of motion)?**

Quiz 3 (after lesson 4)

1. What year was the Scopes trial? **1925**
2. What play/movie is a bad portrayal of the Scopes trial and makes the Christians look stupid? **“Inherit the Wind”**
3. What year was the Russian *Sputnik* launched? **1957**
4. Some people thought that the *Sputnik*’s being launched was a good excuse to do what in the public schools? **Teach evolution.**
5. What date was the hundredth-year anniversary of Darwin’s book? **1959**

List in order the way evolution is supposed to have happened.

6. **FISH**
7. **AMPHIBIAN**
8. **REPTILE**
9. **MAMMAL**
10. What is the definition for science? **to know or knowledge**

***Bonus**

- (1) What is one thing the doctrine of humours taught about disease? **If someone is sick, his blood is bad and should be let out.**
- (2) What verse talks about the “life of the flesh is in the blood”? **Leviticus 17:11**

Quiz 4 (after lesson 5)

1. What verse tells when the beginning was? **Matthew 19:4 or Mark 10:6**

Who were the two men who proved *spontaneous generation* wrong?

2. **Francesco Redi**

3. **Louis Pasteur**

Name **four** reasons why it was all right for Adam's sons to marry their sisters?

4. **There was no other choice.**

5. **Who would report them?**

6. **There were no laws against it.**

7. **Adam married his rib.**

8. Who is referred to as the *second Adam*? **Jesus**

9. How many authors wrote the book of Genesis? **10**

10. What phrase signals that a new author is beginning to write in the book of Genesis? **"These are the generations of..."**

Quiz 5 (after lesson 6)

Name **four** ways that prove that the universe is young (*any four of these*).

1. **chart of population's growth, galaxies' spinning**
2. **earth's distance to the moon, Jupiter's cooling off**
3. **Ganymede's still being hot**
4. **Sirius' color change**
5. What phenomenon on earth does the moon cause? **tides**
6. The force of attraction between two objects is related to the distance between them.
What is the name of the law that describes this? **inverse square law**
7. What verse is the first prophecy of the Messiah? **Genesis 3:15**
8. Who influenced Darwin greatly through his writing about population?
Thomas Malthus
9. What percent of the earth is said to be *livable* for humans? **three percent**
10. Who was first to coin the phrase "survival of the fittest"? **Herbert Spencer**

***Bonus:** Where can one find the only proof that the earth is six thousand years old?

the Bible

Quiz 6 (after lesson 7)

Name the **two** types of comets:

1. short-period comets
2. long-period comets
3. What is an astronomical unit (AU)? the distance from the sun to the earth
4. What word means *to think*? muse
5. What is the process called by which deserts are formed? desertification

What are **three** factors that affect the movement of the earth?

6. liquid center or internal friction
7. liquid surface or tides
8. wind currents (or patterns)
9. What is the term (or abbreviated word) for the place (boundary between the crust and the mantle) where the ground changes from solid to liquid? Moho (short for Mohorovicic discontinuity)
10. Who started the project of measuring the strength of the earth's magnetic field?
Gauss

***Bonus:** About how many miles does the Sahara Desert grow annually? 4 miles

Quiz 7 (after lesson 8)

1. What percentage of the ocean is salt? **3.6%**
2. In what year was the Russian *Sputnik* launched? **1957**
3. What is the name of the largest reef? **Great Barrier Reef**
4. Where is the largest reef found? **Australia**
5. Whose writing about population greatly influenced Darwin? **Thomas Malthus'**
6. What is the percentage of children who after attending one year in a public education system lose their faith? **75%**

Name at least **three** evidences that prove stalagmites and stalactites form quickly (*any of these*).

7. **bats covered in the process**
8. **formations in closed mine in Australia**
9. **formations found in Lincoln Memorial, Ft. Pickens, etc.**
10. What is the erosion rate of Niagara Falls? **4.7 feet per year**

***Bonus:**

- (1) About how long ago did the first fully developed systems of *word writing* appear?

5,000 years ago

- (2) Approximately how much mud does the Mississippi River produce an hour?

80,000 tons

Quiz 8 (after lesson 9; next do lesson 10, and then take final exam)

In the late 1950s what **two** people predicted that the moon had a thick layer of dust on it?

1. R.A. Lyttleton
2. Isaac Asimov

What **three** things are scoffers ignorant of?

3. creation
 4. the worldwide Flood
 5. coming judgment
6. What is the gap theory? teaching that there is a gap between Genesis 1:1 & 1:2

What are the **two** types of death?

7. physical
 8. eternal
9. What verse in the Bible is used most to support the gap theory? Genesis 1:28
10. Name at least **two** of the **four** problems with the gap theory (*any two of these*).
- (1) (a) was just invented in 1814 (b) violates Scripture
 - (2) (c) puts death before sin (d) has Satan's fall before day seven

***Bonus:**

1. What **two** words in the Bible (specifically in the creation story) are interchangeable? made / created
2. Who was the first to come up with the idea of the gap theory in 1814? Thomas Chalmers

True or False- Based on the BOLD words, please mark whether the statement is true or false.

FALSE 1. Darwin's book *Origin of Species* was **first** published in **1959**.

TRUE 2. **Malthus'** book on population greatly influenced Darwin.

FALSE 3. **Erosion** is the process by which deserts are formed.

TRUE 4. The erosion rate of the Niagara Falls/River is **4.7 ft/ year**.

FALSE 5. There are two types of death: **physical and mental**.

Multiple Choice- Circle the best answer for each of the following questions.

6. Which of the following is NOT one of the great questions of life?

A. Where am I going when I die?

B. Where did I come from?

C. When is the end?

D. Who am I?

E. Why am I here?

7. What is the term for what we believe (dogma)?

A. Creation

B. Doctrine

C. Religion

D. Theory

8. What year was the first "Humanist Manifesto" published?

A. 1938

B. 1935

C. 1934

D. 1933

9. What verse tells when the beginning was?

A. Genesis 3:15

B. Genesis 1:28

C. Matthew 19:4

D. Genesis 1:1

10. What percentage of the ocean is salt?

A. 5%

B. 4.6%

C. 3.4%

D. 3.6%

Short Answer-Part One

11. What word means “to think”? MUSE
12. What is the term for the distance from the sun to the earth? ASTRONOMICAL UNIT
13. What does the word “inspire” mean? BREATHE IN
14. What does “Lucifer” mean? ENLIGHTENED ONE
- 15-17. What are the three lies (statements) of Satan?
“Yea, hath God said?” -DOUBT God’s Word.
“Ye shall not surely die.” -DENY God’s Word.
“Ye shall be as gods.” -DEIFY mankind.
18. Who was a signer of the first “Humanist Manifesto” and responsible for education’s infiltration by humanism? JOHN DEWEY
19. Give the two-word definition of *universe*? SINGLE, SPOKEN SENTENCE
20. Give the two-word meaning of *thermodynamics*? HEAT / POWER

Matching-Part One Match the statements on the left with the correct answer on the right.

- | | |
|--|-------------------------------------|
| <u>K</u> 21. Location of largest reef | A. Tides |
| <u>T</u> 22. The way evolution is thought to have happened | B. 1959 |
| <u>R</u> 23. Definition of science | C. Genesis 1:28 |
| <u>N</u> 24. Year of the Scopes trial | D. Amphibian, Reptile, Mammal Fish |
| <u>M</u> 25. Times Lucifer said “I will...” | E. Great Barrier |
| <u>J</u> 26. Verse that is the first prophecy of the Messiah | F. 1957 |
| <u>P</u> 27. Percentage of children that lose their faith while in public education | G. 3 |
| <u>F</u> 28. Year <i>Sputnik</i> was launched | H. <i>Inherit the Wind</i> |
| <u>C</u> 29. Reference used to support the gap theory | I. Herbert Spencer |
| <u>E</u> 30. Largest reef | J. Genesis 3:15 |
| <u>H</u> 31. Bad portrayal of the Scopes trial | K. Australia |
| <u>S</u> 32. Force of attraction between two objects is related to the distance between them | L. Darwin |
| <u>G</u> 33. Percent of the earth livable for humans | M. 5 |
| <u>I</u> 34. First coined “survival of fittest” | N. 1925 |
| <u>Q or A</u> 35. Factor that affects movement of earth | O. Puerto Rico |
| | P. 75 |
| | Q. Wind currents |
| | R. Knowledge |
| | S. Inverse square |
| | T. Fish, Amphibian, Reptile, Mammal |

Matching-Part Two

- | | |
|--|----------------------|
| D 36. The origin of time, space, and matter | A. Chemical |
| A 37. The origin of higher elements from hydrogen | B. Organic |
| E 38. The origin of stars and planets | C. Micro |
| B 39. The origin of life | D. Cosmic |
| F 40. The origin of major kinds | E. Stellar/Planetary |
| C 41. The origin of variations within kinds | F. Macro |

Short Answer-Part Two

42. Some people thought that the *Sputnik* being launched was a good excuse to do what in the public schools? **TEACH EVOLUTION.**
43. What date marked the one-hundredth-year anniversary of Darwin's book? **1959**
- 44-45. Who proved spontaneous generation wrong (*two answers*)?
Francesco REDI
Louis PASTEUR
- 46-51. Name six ways to prove that the universe is young (*any six of these*).
(1) **DISTANCE BETWEEN EARTH AND MOON IS INCREASING.**
(2) **GALAXIES ARE SPINNING.**
(3) **POPULATION IS TOO LITTLE.**
(4) **AMOUNT OF DUST ON MOON IS SMALL.**
(5) **EARTH'S MAGNETIC FIELD IS DECLINING.**
(6) **GANYMEDE IS STILL HOT.**
(7) **JUPITER IS COOLING OFF.**
- 52-53. Name two evidences that prove stalactites/stalagmites form quickly (*any two*).
(1) **FORMATIONS AT FT. PICKENS** **BATS COVERED IN THE PROCESS**
(2) **FORMATIONS AT LINCOLN MEMORIAL** **FORMATIONS IN**
CLOSED AUSTRALIAN MINE
- 54-55. Name the two people that predicted that the moon would be covered with a thick layer of dust.
R. A. LYTTLETON
Isaac ASIMOV
- 56-57. Name two problems with the gap theory (*any 2 of these*).
(1) **NOT DEVELOPED UNTIL 1814** (2) **VIOLATES SCRIPTURES**
(3) **PUTS DEATH BEFORE SIN** (4) **HAS SATAN'S FALL BEFORE DAY 7**

58-60. What three things are scoffers ignorant of?

THE CREATION

THE FLOOD

THE COMING JUDGEMENT

61. What does the gap theory teach? **A GAP BETWEEN GENESIS 1:1 AND 1:2**

62-64. What are the three different heavens?

ATMOSPHERE

SPACE

GOD'S HEAVEN

65-66. Name two theories that people have developed trying to synchronize billions of years with the Bible.

GAP THEORY

DAY-AGE THEORY

67-68. What two things indicate that dinosaurs lived in a different environment?

THEIR SMALL LUNGS

THEIR SMALL NOSTRILS

69-70. Name two reasons why Adam's sons could marry their sisters (*list any two*).

(1) **THERE WAS NO OTHER CHOICE.** (2) **WHO WOULD REPORT THEM?**

(3) **ADAM MARRIED HIS RIB.** (4) **THERE WAS NO LAW AGAINST IT.**

71-72. What are the two types of comets?

LONG-PERIOD

SHORT-PERIOD

73. What is it called when large amounts of carbon dioxide and other gases trap heat near the surface of the earth? **GREENHOUSE EFFECT**

74. What is the term for the distortion of light from star by heat? **ATMOSPHERIC TWINKLE**

75. How many layers does the earth's atmosphere have today? **6**

76. How many authors wrote the book of Genesis? **10**

77. What was the average age of people before the Flood? **912**

78. Some teach the pre-Flood people counted each month as a year. Why can't this be true?
ENOCH WOULD HAVE BEEN FIVE WHEN HE HAD A SON (Gen. 6:4).

79. Give an evidence of giant people from before the Flood. **PALUXY RIVER TRACKS**

80. What harmful rays produced from the sun could a canopy of water block? **X-RAYS, GAMMA RAYS, AND ULTRAVIOLET RAYS**

***Bonus**

1. List three problems with the big bang theory.
WHERE DID THE MATTER COME FROM?
WHERE DID THE LAWS COME FROM?
WHERE DID THE ENERGY COME FROM?
2. Explain part of the doctrine of humours' approach to disease. **IF YOU ARE SICK, YOU HAVE BAD BLOOD. BLOOD LETTING IS THE ANSWER: LET THE "BAD BLOOD" OUT.**
3. What year was the last law banning evolution from being taught overturned? **1968**
4. What phrase signals that a new author is starting to write in the book of Genesis? **"THESE ARE THE GENERATIONS OF..."**
5. What is the term (or abbreviated word) for the place where the ground changes from solid to liquid (boundary between the crust and the mantle)? **MOHO**
6. Who started the project of measuring the strength of the earth's magnetic field? **GAUSS**
7. Approximately how much mud does the Mississippi River produce an hour? **80,000 tons**
8. What two words in the Bible (specifically in the creation story) are interchangeable?
MADE/CREATED