Discovering Origins: Unit 4 Exam

Name: _____ Date: _____

Vocabulary:

Write the definition from the material.

1. Strata are _____
2. Sedimentary rocks are _____
3. A megasequence is _____
4. Cross strata are _____
5. Erosional remnants are _____

True / False:

Circle **T** or **F**.
If it is true, give a one sentence response explaining why it is true.
If it is false, correct the statement to make it true.

1. T / F The Bible says Noah took two of every species onto the ark.
   _____
   _____
2. T / F The post-flood lifespans in Genesis are likely made up.
   _____
   _____
3. T / F As centuries pass, flood myths drift further from the historical account.
   _____
   _____
4. T / F Younger animals would probably be better suited to be on the ark than older animals.
   _____
   _____
5. T / F Because Christian scientists develop Flood models specifically to align with Scripture, those models should be given equal weight to the biblical text.
   _____
   _____

Multiple Choice:

Choose the response that best answers the question.

1. Which factor may have contributed to larger animals and insects before the Flood?
   A. Lower oxygen levels
   B. Higher oxygen levels
   C. Colder global temperatures
   D. Reduced atmospheric pressure

2. According to estimates, how many animal kinds were likely on the ark?
   A. About 1,400
   B. About 5,000
   C. Over 10,000
   D. About 34,000

3. Which animals were Noah instructed to bring onto the ark?
   A. All animals on Earth
   B. Only sea creatures
   C. Land-dwelling, air-breathing vertebrates
   D. Only clean animals

4. What is one reason the ark was stable according to engineering analysis?
   A. It was cube-shaped
   B. It had a proven size ratio used in shipbuilding
   C. It was made of metal
   D. It was powered by sails

5. Why is a global flood theologically important?
   A. It explains local legends
   B. It explains dinosaur extinction
   C. It explains ocean tides
   D. It fulfills God's judgment on all flesh

6. Which best describes a *baraminic distance correlation* analysis?
   A. A dating method
   B. A fossil excavation method
   C. A statistical comparison of physical traits
   D. A DNA sequencing technique

7. What best explains flat sedimentary layers with little erosion between them?
   A. Repeated tsunami deposits
   B. Wind erosion
   C. Slow deposition over millions of years
   D. Glacial melting

Matching:

Match the term with the correct definition. Write the letter on the line.

____ 1. *Mabbul*
____ 2. Catastrophic Plate Tectonics
____ 3. Genetic bottleneck
____ 4. Exponential decay
____ 5. Pitch

A. A mathematical curve in which a value decreases by a constant proportion over time
B. A Hebrew word used only for the Flood of Noah's day
C. A sharp reduction in population size that significantly narrows genetic variety
D. A theory that tectonic plates moved dramatically faster during the Flood
E. A sticky, tar-like substance used to waterproof the Ark

Fill in the Blanks:

1. The first ten generations after Adam and Eve experienced very low _____ rates.
2. One study suggests pre-flood oxygen levels may have reached _____% compared to today's 21%.
3. Noah's ark measured 300 × 50 × 30 _____.
4. Roughly _____ animals are estimated to have been aboard the Ark.
5. God promised never to destroy the earth with a flood again and used the _____ as a sign.
6. Jesus likened His return to the _____ of Noah.
7. Genesis 8:11 describes a dove returning with an _____ leaf.

Short Answer:

Respond in 2-3 complete sentences.

1. Why would birds surviving a local flood contradict Genesis 6:7?

2. Why do polystrate fossils challenge the idea of millions of years of gradual deposition?

3. Why didn't Noah need to bring marine animals or most insects on the Ark?

Essay:

Answer the following prompt in 3 complete paragraphs (*Remember*: a paragraph should have 4-6 complete sentences).

1. Explain why the Flood must have been global from a biblical, theological, and logical/scientific perspective. Make sure to include at least 5 Scripture references as support, but do not quote every verse you cite. Instead, just mention references for the point you are trying to make. One or two short verse quotations is okay.