

Evolution and Origin of Biodiversity

5.1 History of Life on Earth

Part 1 The Geologic Time Scale

QUIZ

Name:

Grade & Section:



Matching Type

Match the items in Column A to those in Column B.

 period	 a Phanerozoic
 eon	 b Miocene
 supereon	 c Tertiary
 era	 d Mesozoic
 epoch	 e Pre-cambrian



Multiple Choice

Select the correct answer.

An extensive calendar timeline of events and changes that have occurred throughout Earth's history.

- A. Fossil records
- B. Geologic Time Scale
- C. Theory of Evolution
- D. Big Bang Theory



Multiple Choice

Select all possible answers.

The following are included in the four major eons except

- A. Phanerozoic
- B. Cambrian
- C. Ordovician
- D. Hadean



True or False

Select if True or False.

Active volcanic events during the Pre-Cambrian created an oxygen-rich atmosphere that supported the early unicellular bacteria.

TRUE

FALSE



Multiple Choice

Select all possible answers.

The following are true about the Hadean except

- A. Detrital zircon fossils revealed earthquake activities.
- B. First signs of life appeared.
- C. Rock fossils were found in among cooled down magma and with water interactions and impressions.
- D. Crusts and oceans were formed.



Multiple Choice

Select the correct answer.

One of the stable regions that formed via active tectonic plates during the Proterozoic era is called

- A. Australia
- B. Eurasia
- C. Antarctic
- D. Gondwanaland



Multiple Choice

Select the correct answer.

The Mesozoic, Cenozoic, and Paleozoic belong to

- A. Pre-cambrian
- B. Phanerozoic
- C. Cambrian
- D. Archaean



Multiple Choice

Select all possible answers.

The oldest fossil ever recorded was....

- A. Discovered to be ~3.7 bya
- B. *Dickinsonia costata*
- C. Discovered to be ~4.6 bya
- D. A stromatolite fossil

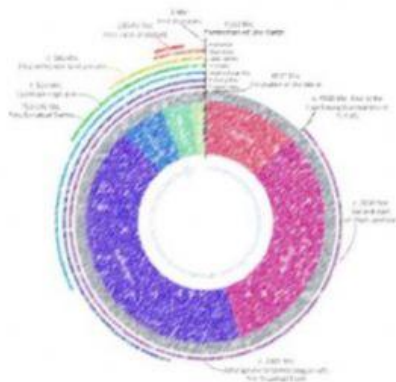


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Multiple Choice

Select the correct answer.



Which of the following does not belong to this group?

- A. Phanerozoic
- B. Hadean
- C. Archaean
- D. Proterozoic



Matching Type

Arrange the following events during the Precambrian.

☐	1st	☐	a	First signs of life
☐	2nd	☐	b	Cambrian explosion
☐	3rd	☐	c	Formation of the moon
☐	4th	☐	d	Cooling down of magmatic crust
☐	5th	☐	e	Oxygen-rich atmosphere

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