



How the Earth was Formed

Answer Key

1) Answer: A

Explanation: Due to the constant bombardment of space bodies and the decay of radioactive elements, the early Earth was dominantly molten

2) Answer: A

Explanation: The Giant Impact Hypothesis states that about 4.5 billion years ago, a large celestial body called Theia impacted the Earth resulting in the ejection of undifferentiated Earth materials that led to the formation of the moon.

3) Answer: C

Explanation: The Giant Impact Hypothesis also explains the tilt in the Earth's axis. That is, when Theia impacted the Earth, it led to the tilting of the Earth's axis.

4) Answer: B

Explanation: Cyanobacteria played an important role in the production and increase of O₂ in the Earth's atmosphere.

5) Answer: D

Explanation: Chemical Differentiation is the process that enabled the Earth to form its layers.



To get more Astronomy review materials, visit <https://filipiknow.net/astronomy-reviewer/>

To God be the glory!