

Crash Course Biology: What is Life?

Biology · Answer Key · 10 Questions

1. Approximately how long ago did life first appear on Earth?

- A) 4 Billion Years Ago**
- B) 1 Billion Years Ago
- C) 1 Million Years Ago
- D) 1 Thousand Years Ago

2. What is biology?

- A) The study of rocks
- B) The study of life**
- C) The study of stars
- D) The study of machines

3. According to Aristotle, what ability sets life apart from non-life?

- A) Ability to fly
- B) Ability to grow, reproduce, and react**
- C) Ability to swim
- D) Ability to create fire

4. What is NASA's definition of life?

- A) A self-replicating robot
- B) A self-sustaining chemical system capable of evolution**
- C) Anything that moves
- D) Something that responds to stimuli

5. Which of the following is NOT one of the seven characteristics of life discussed?

- A) Regulation
- B) Reproduction
- C) Respiration**
- D) Adaptation

6. What is the process of maintaining stable internal conditions called?

- A) Evolution
- B) Regulation**
- C) Respiration
- D) Reproduction

7. Viruses are considered by most biologists to be:

- A) Definitely alive
- B) Definitely not alive**
- C) The simplest form of life
- D) A type of cell

8. What field of biology is devoted to the study of potential extraterrestrial life?

- A) Ecology
- B) Astrobiology**
- C) Microbiology
- D) Zoology

9. What connects all living things?

- A) Evolution**
- B) Money
- C) Location
- D) Language

10. What are the molecules that make up our bodies born from?

- A) Ancient trees
- B) Fiery stars**
- C) Deep sea vents
- D) Volcanoes