

1) Which of the following statements is the best argument for the classification of fire?

- A. Fire is nonliving because it cannot maintain the conditions needed to grow and reproduce.
- B. Fire is living because it uses energy and grows.

2) When your body regulates its temperature through sweating, this is an example of

Choose all that apply:

- A. Metabolism
- B. Homeostasis
- C. Responding to stimuli
- D. Growth
- E. Reproduction

3) When leaves change color in autumn, this is an example of

Choose all that apply:

- A. Metabolism
- B. Homeostasis
- C. Responding to stimuli
- D. Growth
- E. Reproduction

4) Which of the following can consume or produce energy?

Choose all that apply:

- A. Lava lamp
- B. Marmoset
- C. Fungi
- D. Battery
- E. Sidewalk

5) Which of the following is the official definition of life?

- A. A self-sustaining chemical system capable of Darwinian evolution.
- B. A system capable of performing functions such as growth, metabolizing, moving, and reproduction.
- C. The locus of points in a plane that are equidistant to a single point.
- D. There is no official definition of life.

Key:

1. A

2. B, C

3. C

4. B, C, D, A

5. D