

Life Science Test #1

Name: _____

Due: Monday, August 15th 2011

Please show work or list sources as needed

1. An independent individual that possesses the characteristics of life is called a(n)
 - a. cell.
 - b. organism.
 - c. organ.
 - d. tissue.
 - e. atom.

Text Section: LO2

Key Concept: biological hierarchy

Level: Basic fact retention

Answer: B; Some students may be tempted to select choice a (cell) because there are many unicellular organisms.

However, this would not be the best answer because in a multicellular organism, each individual cell is not independent.

2. An organ is made up of several
 - a. biological molecules.
 - b. organ systems.
 - c. tissues.
 - d. cells.
 - e. organisms.

Text Section: LO2

Key Concept: biological hierarchy

Level: Basic fact retention

Answer: C; Although a and d could also be considered to be correct, c is the best answer because it is the level of organization immediately below organ in terms of complexity.

3. The simplest entity that exhibits all of the properties of life is called a(n)
 - a. cell.
 - b. molecule.
 - c. organ.
 - d. tissue.
 - e. organism.

Text Section: LO2

Key Concept: biological hierarchy

Level: Basic fact retention

Answer: A

4. The scientific name for the black-footed ferret is *Mustela nigripes*. The name *Mustela* indicates the _____ to which this organism belongs.
 - a. class