

## Introduction

1. Which of the following best describes “biological information”?
  - A. Flows from Proteins to DNA.
  - B. Can be found by looking at PubMed.
  - C. Is stored in the sequence of DNA, occasionally RNA.
  - D. Can be found at the front desk of a hotel.
  
2. A genome is ...
  - A. ... all the haploid DNA for an organism.
  - B. ... all the diploid DNA for an organism.
  - C. ...encoded by only the main or first chromosome.
  - D. ... of no interest in this course.
  
3. The amount of genomic DNA in a given species (such as *C. jejuni*) ...
  - A. ... is always constant.
  - B. ... varies by a tiny amount (a few nucleotides).
  - C. ... can vary considerably - sometimes >50%.
  - D. ... is unknown and cannot be measured.
  
4. The organisms with the largest genome is
  - A. Humans.
  - B. Cockroaches.
  - C. *Amoeba vulgaris*.
  - D. *Zea mayes* (corn)
  
5. A “box and whiskers” plot
  - A. ...shows only the average values.
  - B. ...indicates the median value, where 50% of the data lies, and the range.
  - C. ...is a statistical method for designing mircoarrays.
  - D. ...is made of cedar and can be used to store cat’s whiskers.

Answers:

1:	2:	3:	4:	5:
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