

**CHAPTER 9  
WORKSHEET  
BIO 275**  
Instructor Sharron Jones

**True/False**

- \_\_\_\_\_ 1. The animal kingdom is the only kingdom that lacks any organisms that relate to microbiology.
- \_\_\_\_\_ 2. With proper taxonomy, the genus and species names are always italicized and capitalized.
- \_\_\_\_\_ 3. Viruses are currently classified according to their nucleic acids, their capsid, and the presence or absence of envelopes.
- \_\_\_\_\_ 4. Quite often, the genus name of an organism is used to honor the scientist credited with its discovery.

**Multiple Choice**

- \_\_\_\_\_ 5. Viruses are
  - A. considered to be prokaryotes.
  - B. not classified by any classification scheme.
  - C. considered to be acellular particles.
  - D. placed in the kingdom Monera.
  - E. None of the above is true.
- \_\_\_\_\_ 6. The scientist credited with the development of the binomial scheme is
  - A. Linnaeus.
  - B. Semmelweis.
  - C. Leeuwenhoek.
  - D. Aristotle.
- \_\_\_\_\_ 7. The scientist most responsible for establishing the five-kingdom classification system currently in use is
  - A. Linnaeus.
  - B. Bergey.
  - C. Whittaker.
  - D. Margulis.
- \_\_\_\_\_ 8. A characteristic associated only with the kingdom Prokaryotae is the
  - A. cell membrane.
  - B. unicellularity.
  - C. photosynthesis.
  - D. lack of a true nucleus.
- \_\_\_\_\_ 9. Which of the following kingdoms are characterized by members that are eukaryotic and mostly all unicellular?
  - A. Monera
  - B. Protista
  - C. Fungi
  - D. Plantae
  - E. Animalia