

The Development of Cell Theory

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1. We know that something is alive if it
 - a. can move
 - b. is able to reproduce
 - c. is made up of cells
 - d. takes in oxygen and releases carbon dioxide

2. Cells are the basic units of structure and function in all living organisms
 - a. true
 - b. false

3. The idea that life can develop from non-living matter is known as
 - a. abiogenesis
 - b. biogenesis
 - c. spontaneous generation
 - d. both a and c
 - e. all of the above

4. The idea that life comes only from life is known as
 - a. abiogenesis
 - b. biogenesis
 - c. spontaneous generation
 - d. both a and c
 - e. all of the above

5. Who is the first person known to have stated that living organisms can arise from non-living matter ?
 - a. Thomas Huxley
 - b. Jan Baptista van Helmont
 - c. Aristotle
 - d. Roger Bacon

6. The first microscopes were made by the
 - a. Arabs
 - b. British
 - c. Dutch
 - d. French

7. Cells were first described by
 - a. Aristotle
 - b. William Harvey
 - c. Thomas Hooke
 - d. Antony vanLeewenhoek
 - e. Francesco Redi

8. Who first discovered bacteria ?
 - a. Aristotle
 - b. William Harvey
 - c. Thomas Hooke
 - d. Antony vanLeewenhoek
 - e. Francesco Redi

9. Who finally proved that spontaneous generation does not occur ?
 - a. Francesco Redi
 - b. John Needham
 - c. Lazzaro Spallanzani
 - d. Louis Pasteur

10. All animals are made of cells was written first by
 - a. Rober Brown
 - b. Mattias Jacob Schleiden
 - c. Theodore Schwann
 - d. Jugo von Mohl