

GENERAL BIOLOGY 1

PRACTICE QUIZ

1. Which level of organisation is the basic unit of life?
 - a. Cell
 - b. Tissue
 - c. Organ
 - d. Systems

2. Which of the following is NOT a postulate of a unified cell theory?
 - A. All living things are composed of cells
 - B. Cells are the basic unit of life
 - C. All cells undergo complete development
 - D. As new cells arise from existing cells

3. Who coined the term cell for the basic structure he observed when viewing cork tissue?
 - A. Matthias Schleiden
 - B. Theodor Schwann
 - C. Rudolf Virchow
 - D. Robert Hooke

4. In many cells, the structure that controls the cell activities is the _____.
 - A. Cell Membrane
 - B. Organelle
 - C. Nucleolus
 - D. Nucleus

5. Which part of the cell serves as the site for cellular respiration and is known as the powerhouse of the cell?
 - A. Nucleolus
 - B. Chromosome
 - C. Mitochondrion
 - D. Nucleus

6. Which type of tissue would be found in the epidermis and form the lining of internal organs such as the intestines?
 - A. Nervous tissue
 - B. Muscular tissue
 - C. Connective tissue
 - D. Epithelial tissue

7. The process by which the nucleus divides to produce two new nuclei that results in two daughter cells that are genetically identical to each other and to the parental cell from which they came.
 - A. Meiosis
 - B. Interphase