1. What is the name of the process by which plants convert sunlight into chemical energy?
   1. Respiration
   2. Fermentation
   3. **Photosynthesis**
2. Who was the 16th President of the United States, known for leading the country during the Civil War and delivering the Gettysburg Address?
   1. George Washington
   2. Thomas Jefferson
   3. **Abraham Lincoln**
3. What is the term for the economic system in which the means of production are privately owned and operated for profit, typically characterized by competitive markets?
   1. Socialism
   2. Communism
   3. **Capitalism**
4. Which Shakespearean play features the characters of Oberon, Titania, and Puck, and is set in a magical forest?
   1. Hamlet
   2. Macbeth
   3. **A Midsummer Night’s Dream**
5. What is the name of the theory in physics that describes the fundamental forces and particles in the universe, including the Higgs boson?
   1. General Relativity
   2. Quantum Mechanics
   3. **The Standard Model**
6. Who is the author of the epic poem "The Odyssey," which follows the adventures of Odysseus as he returns home from the Trojan War?
   1. Virgil
   2. Sophocles
   3. **Homer**
7. What is the name of the process by which a cell divides into two daughter cells, each containing the same number of chromosomes as the parent cell?
   1. Meiosis
   2. Binary Fission
   3. **Mitosis**
8. Which ancient civilization is known for building the pyramids, developing a system of hieroglyphics, and having a polytheistic religion centered around gods like Ra and Osiris?
   1. Mesopotamia
   2. Indus Valley
   3. **Ancient Egypt**
9. What is the name of the principle in economics that states that the opportunity cost of a good rises as more of it is produced, leading to a concave production possibilities frontier?
   1. Law of Supply
   2. Law of Demand
   3. **Law of Increasing Opportunity Cost**
10. Who was the scientist who formulated the laws of motion and universal gravitation, and wrote the influential work "Mathematical Principles of Natural Philosophy"?
    1. Isaac Newton
    2. **Isaac Newton 124**
    3. Albert Einstein