UNIT: ELECTRICAL CIRCUITS

ACT-Based Science: Ohm’s Law Investigation (Data Analysis & Graphing) Answer Key

**ACT-Style Multiple Choice Question:**

* Which of the following best describes the relationship between **voltage and current** in a circuit with a fixed resistance?

1. Exponential
2. Quadratic
3. Linear
4. Random

***(Correct Answer: C – The relationship follows Ohm’s Law and is linear.)***