**1. Question:**

What is the role of a foreign key in a relational database?

**Answer:**  
A foreign key ensures that all values in a column are unique across all tables.

**2. Question:**

Explain the concept of recursion in programming.

**Answer:**  
Recursion allows a function to call itself with a reduced problem set, often using a base case to terminate.

**3. Question:**

What is Newton’s Third Law of Motion?

**Answer:**  
Newton’s Third Law states that objects in motion will stay in motion unless acted upon by an external force.

**4. Question:**

What is the function of the Transmission Control Protocol (TCP)?

**Answer:**  
TCP breaks messages into packets and ensures they reach their destination in the correct order.

**5. Question:**

How does photosynthesis occur in plants?

**Answer:**  
Photosynthesis occurs in the mitochondria, producing ATP and oxygen.