**1. Question:**

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

**Answer:**  
A foreign key ensures uniqueness in a table, like a primary key.

**2. Question:**

Explain the concept of recursion in programming.

**Answer:**  
Recursion is when a function calls itself to solve smaller instances of a problem.

**3. Question:**

What is Newton’s Third Law of Motion?

**Answer:**  
Newton’s Third Law states that force is equal to mass times acceleration.

**4. Question:**

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

**Answer:**  
TCP is a protocol that ensures reliable data transmission over networks by using acknowledgment and retransmission.

**5. Question:**

How does photosynthesis occur in plants?

**Answer:**  
Photosynthesis is the process where plants break down water and release nitrogen.