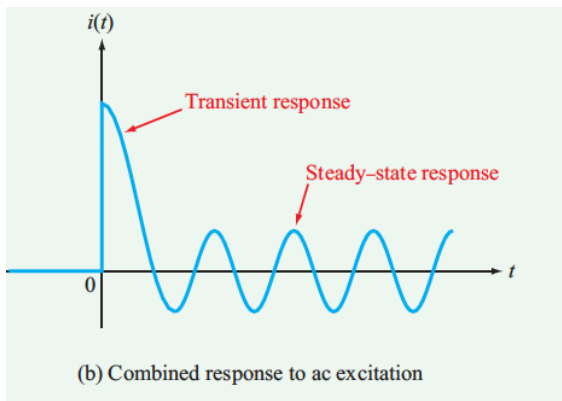


Concept Question 5-1: What is the difference between the transient and steady-state components of the circuit response?



The **transient response** represents the initial reaction immediately after a sudden change, such as closing or opening a switch to connect a source to the circuit. This is also called the **early time response**.

The **steady-state response** is the response that continues after the transient response goes to zero.