

The breakdown voltage of the zener diode is controlled by  
Doping Level

The device that converts the AC input voltage pulsating dc voltage is called  
Rectifier

The systematic reduction of Logic Circuit is accomplished by  
using Boolean algebra

All atoms that belong to the same element possess same  
no. of protons

When grouping cells within a K-map, cells must be combined in groups of-----  
1, 2, 4, 8

Class C amplifiers are usually used in the  
RF

The resistance that changes across the V-I Curve is called  
Changing resistance

How many gates will be required to implement the following Boolean expression before  
simplification  $XY + X(X + Z + Y(X + Z))$   
5

The Sziklai pair transistor configuration was invented by  
Clifford Sziklai

Power transistors and other power devices  
Dissipate Energy