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| 1.Explain input and output characteristics of a transistor in CE configuration  2.Explain transistor as amplifier in CE configuration |
| 3.Compare CE, CB, CC configurations of a transistor  4.Explain transistor as a switch with a neat sketch. |
| 5.With a neat sketch explain the working of JFET  6.Explain characteristics of JFET |
| 7.With a neat sketch explain the working of MOSFET  8.Explain working of UJT with a neat sketch |
| 9.Explain the construction and working of SCR  10.Explain with a neat sketch working of photo transistor. |
| 11.Explain the construction and working of IGBT  12.Explain with a neat sketch working of optical couplers |

**IIMID important questions**

**Notes available at LINK : https://www.tutorialspoint.com/basic\_electronics/index.htm**