

Name \_\_\_\_\_

**MATCHING. Choose the item in column 2 that best matches each item in column 1.**

- |  |                                 |           |
|--|---------------------------------|-----------|
| 1) Two electrons in outer orbit            | A) SCR                          | 1) _____  |
| 2) Doping                                  | B) DMM                          | 2) _____  |
| 3) Contains excess electrons               | C) Silicon-controlled rectifier | 3) _____  |
| 4) Four electrons in outer orbit           | D) Forward bias                 | 4) _____  |
| 5) Has holes to attract electrons          | E) Transistor                   | 5) _____  |
| 6) Has P and N material together           | F) N-type material              | 6) _____  |
| 7) Allows diode current flow               | G) Reverse bias                 | 7) _____  |
| 8) Has P, then N, then P material together | H) Rectifier bridge             | 8) _____  |
| 9) Blocks diode current flow               | I) Test light                   | 9) _____  |
| 10) Contains six diodes                    | J) Conductor                    | 10) _____ |
| 11) Output depends on two inputs           | K) Adds impurities              | 11) _____ |
| 12) Tool to check diodes                   | L) Gate                         | 12) _____ |
|  | M) Semiconductor                |           |
|  | N) Diode                        |           |
|  | O) P-type material              |           |