

Name \_\_\_\_\_

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

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

## Answer Key

Testname: AEE6\_MATCH15

1) G

Page Ref: 171

2) A

Page Ref: 171

3) I

Page Ref: 171

4) K

Page Ref: 171

5) E

Page Ref: 172

6) J

Page Ref: 173

7) D

Page Ref: 173

8) L

Page Ref: 179

9) B

Page Ref: 173

10) C

Page Ref: 179

11) M

Page Ref: 182

12) F

Page Ref: 184