

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

Answer Key

Testname: AAEE_MATCH13

1) G

Page Ref: 161

2) A

Page Ref: 161

3) K

Page Ref: 161

4) C

Page Ref: 161

5) B

Page Ref: 162

6) E

Page Ref: 162

7) H

Page Ref: 163

8) F

Page Ref: 169

9) I

Page Ref: 163

10) O

Page Ref: 168

11) D

Page Ref: 172

12) L

Page Ref: 174