

1. What is the function of a capacitor?

- A. To store electrical energy
- B. To allow current to flow in one direction only
- C. To block DC current
- D. To create a magnetic field

2. What is the function of a resistor?

- A. To store electrical energy
- B. To allow current to flow in one direction only
- C. To block DC current
- D. To create a magnetic field

3. What is the function of an inductor?

- A. To store electrical energy
- B. To allow current to flow in one direction only
- C. To block DC current
- D. To create a magnetic field

4. What is the function of a diode?

- A. To store electrical energy
- B. To allow current to flow in one direction only
- C. To block DC current
- D. To create a magnetic field

5. What is the function of a transistor?

- A. To store electrical energy
- B. To allow current to flow in one direction only
- C. To block DC current
- D. To create a magnetic field

6. What is the function of a switch?

- A. To store electrical energy
- B. To allow current to flow in one direction only
- C. To block DC current

D. To create a magnetic field

7. What is the function of a fuse?

A. To store electrical energy

B. To allow current to flow in one direction only

C. To block DC current

D. To create a magnetic field

8. What is the function of an LED?

A. To store electrical energy

B. To allow current to flow in one direction only

C. To block DC current

D. To create a magnetic field

9. What is the function of a battery?

A. To store electrical energy

B. To allow current to flow in one direction only

C. To block DC current

D. To create a magnetic field

10. What is the function of a power supply?

A. To store electrical energy

B. To allow current to flow in one direction only

C. To block DC current

D. To create a magnetic field

11. What is the function of a ground?

A. To store electrical energy

B. To allow current to flow in one direction only

C. To block DC current

D. To create a magnetic field

12. What is the function of a wire?

A. To store electrical energy

B. To allow current to flow in one direction only

C. To block DC current

D. To create a magnetic field

13. What is the function of a circuit board?

A. To store electrical energy

B. To allow current to flow in one direction only

C. To block DC current

D. To create a magnetic field

14. What is the function of a soldering iron?

A. To store electrical energy

B. To allow current to flow in one direction only

C. To block DC current

D. To create a magnetic field

15. What is the function of a multimeter?

A. To store electrical energy

B. To allow current to flow in one direction only

C. To block DC current

D. To create a magnetic field

Answer Key:

1. A

2. D

3. B

4. C

5. D

6. B

7. C

8. D

9. A

10. B

11. D

12. B

13. D

14. B

15. C