



## Basics of Electricity - Chapter Quiz

Chapter: *Basics of Electricity* Name: \_\_\_\_\_ Date: \_\_\_\_\_

**1. Electric current behaves most like:**

- A) Light through glass
- B) Water through a pipe
- C) Sound through air
- D) Heat through metal

**2. A conductor is a material that:**

- A) Blocks electricity
- B) Lets electricity flow easily
- C) Stores water
- D) Makes heat only

**3. An insulator is a material that:**

- A) Lets electricity flow
- B) Blocks electricity
- C) Is always metal
- D) Is always wet

**4. Your body is a:**

- A) Insulator
- B) Conductor
- C) Fuse
- D) Circuit breaker

**5. The most dangerous salon combination is:**

- A) Electricity and air
- B) Electricity and water
- C) Two dry tools
- D) A clean cord

**6. A frayed cord should be:**

- A) Taped and used
- B) Removed from service immediately
- C) Used carefully
- D) Ignored

**7. A device that cuts power when a circuit is overloaded is a:**

- A) GFCI only
- B) Fuse or circuit breaker
- C) Conductor
- D) Plug

**8. A GFCI outlet is required:**

- A) Far from water
- B) Near water, such as sinks and shampoo bowls
- C) Only outdoors
- D) Nowhere



**9. You should unplug a tool by:**

- A) Yanking the cord
- B) Gripping the plug
- C) Pulling at an angle
- D) Leaving it plugged in

**10. Before plugging in any tool you should:**

- A) Wet your hands
- B) Inspect the cord, plug, and body
- C) Overload the outlet
- D) Skip the check



## **Basics of Electricity - Chapter Quiz - Answer Key**

*Instructor copy.*

- 1. B**
- 2. B**
- 3. B**
- 4. B**
- 5. B**
- 6. B**
- 7. B**
- 8. B**
- 9. B**
- 10. B**