

Electrical Safety Quiz

Safety & Security Committee

Instructions: Read each of the following scenarios and choose the best answer as to what could happen.

1. Bob is preparing to clean his fish tank. While he is moving the tank equipment he accidentally knocks the pump into the tank. He immediately reaches into the tank to retrieve the pump. What happens to Bob?
 - A) He grabs the pump and pulls it out without harm.
 - B) He grabs the pump and receives a little electric shock.
 - C) He grabs the pump and is killed by the electric shock.
 - D) None of the above

2. Stacy is preparing to replace a broken electrical outlet. She knows that power must be turned off before she begins however, like many, Stacy's breaker box does not have circuits labeled. How should Stacy turn off the power?
 - A) She can simply short the outlet thus blowing the breaker then make the repair.
 - B) She can attempt the repair without turning off the power.
 - C) She can call a professional electrician to turn off the power and handle the repair.
 - D) She can call a handy next-door neighbor to turn off the power.

3. What is the proper way to dispose a bad extension cord?

4. How many amps does it take to paralyze you?

5. Name an electrical device that delivers this amount of power?

6. How should you respond to someone who is not responding assuming that they have been shocked?

7. How do you "shutdown" all the power to your home?

Answers

1. Answer: D because of electrical safety standards it's possible for each to occur.
2. Answer: C is the only choice.
3. Answer: Cut the ends off and then cut the remaining cord into unusable size pieces.
4. Answer: 20 milliamps. That's 20 thousandth of an amp.
5. Answer: Christmas tree lights.
6. Answer: Call 911 and beware that they may still be in contact with a live circuit.
7. Answer: Pull the "main" breaker in your fuse panel.