



Building Community®

Zap! Play It Safe Around Electricity!

Pre/Post Test

Directions: Circle the one correct answer.

1. Why do doctors shout 'clear' before shocking a patient with a defibrillator?
 - a) so no one pulls the cord out by mistake
 - b) anyone touching the patient or the bed could become part of electricity's path and get shocked
 - c) so someone will clear the TV monitor
 - d) to make sure the phone lines aren't in use
2. Circus power lines that run along the ground do not leak electricity and harm others because they are
 - a) made of metal
 - b) on the ground
 - c) protected with special double rubber insulators
 - d) connected to a generator
3. Electricity travels along power lines from a generating plant to a substation where
 - a) the voltage is decreased
 - b) the electricity powers a generator
 - c) the electricity is used to run appliances
 - d) the voltage is increased
4. Lightning occurs when a build-up of electrons tries to get from clouds to the
 - a) nearest insulator
 - b) ground
 - c) circuit
 - d) power plant
5. If you see someone being shocked by electricity, which of these should you do?
 - a) approach them to offer help
 - b) touch them to see if they're hot
 - c) leave them alone
 - d) quickly call 9-1-1
6. Why is an electric eel so threatening to other fish?
 - a) it swims faster than they do
 - b) it's bigger than they are
 - c) water is a great conductor of their electric charge
 - d) it has sharper teeth than other predators
7. Which of the following is NOT safe to do at home around electricity and water?
 - a) dry your hands before touching anything electrical
 - b) keep electric cords and appliances away from water
 - c) unplug appliances before cleaning them
 - d) touch a cord with wet hands
8. A Ground Fault Circuit Interrupter is designed to
 - a) protect people from electric shock
 - b) complete a circuit
 - c) insulate bundles of insulated wires
 - d) stop insulation from cracking
9. The path electricity travels is called a
 - a) GFCI
 - b) circuit
 - c) treasure hunt
 - d) conductor
10. Which of these is an unsafe practice around electricity?
 - a) keeping electric heaters away from anything that can burn
 - b) storing power tools in dry areas
 - c) overloading outlets
 - d) using GFCI outlets

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Answer Key

Information that relates to each question can be found on the pages listed below.

1. b) anyone touching the patient or the bed could become part of electricity's path and get shocked. Pg. 3
2. c) protected with special double rubber insulators. Pages 4-5
3. a) the voltage is decreased. Page 5
4. b) ground. Page 6
5. d) quickly call 9-1-1. Page 7
6. c) water is a great conductor of their electric charge. Page 8
7. d) touch a cord with wet hands. Page 9
8. a) protect people from electric shock. Page 10
9. b) circuit. Page 10
10. c) overloaded outlets. Page 12