**What percentage of car buyers are expected to purchase an electric car during the next five years?**

A) 20%

B) 30%

C) 40%

D) 50%

**Which type of alternative fuel vehicle is powered by hydrogen?**

A) Plug-In Electric Hybrid

B) Fuel Cell

C) Gaseous Fuel

D) Electric-Hybrid

**Which of the following are considered high voltage cable colors?**

A) Blue

B) Orange

C) Red

D) Yellow

**Circle the gases below that have an odorant added to assist with leak detection.**

Hydrogen

Liquid Natural Gas

Compressed Natural Gas

Liquid Propane Gas

**After the vehicles 12-volt battery is disconnected, the system will carry a charge for a period of time afterward. Each vehicle is unique, in the case of a Tesla that timeframe is two minutes. This means that the airbags, supplemental restraint systems, and pretensioners are all potentially charged and active during that time frame.**

A) TRUE

B) FALSE

**When a vehicle battery has been disconnected for three minutes, kneeling on an un-occupied seat where the airbags have NOT deployed poses no danger to rescuers.**

A) TRUE

B) FALSE

**Sparks, smoke, or noxious off-gassing are all signs of what?**

A) The vehicle high voltage cabling, airbags, and SRSs are de-energized

B) These are all signs of an overheating battery or batteries.

C) These are normal after an electric or hybrid vehicle crash.

D) The battery array is now de-energized

**Which fuel types have temperature activated relief devices and therefore should not be cooled with water?**

CNG

LPG

LNG

Hydrogen

**The presence of leaking blue fluid following an electric vehicle collision in no way indicates possible battery damage and/or case rupture.**

A) TRUE

B) FALSE

**The high voltage system is designed so that it doesn't touch the chassis body at all. In this way, even submerged the chassis body does not pose a shock hazard to would those touching it.**

A) TRUE

B) FALSE

**From a medical emergency perspective, an explosion is the biggest concern when there is a gaseous fuel leak.**

A) TRUE

B) FALSE

**Once an electric vehicle’s 12V battery has been disconnected, it is safe to cut through high voltage wires.**

A) TRUE

B) FALSE

**What ONE thing ABSOLUTELY MUST be performed before cutting any portion of any vehicle?**

A) The vehicle high voltage cabling, airbags, and SRSs must be de-energized

B) Rescuers must peel and peek any area to be cut

C) The key fob must be placed in the driver’s seat of an apparatus

D) The type of battery or fuel system must be determined

**Seat belt tensioners in the ‘B’ column are safe to cut.**

A) TRUE

B) FALSE

**What is the easiest way to deflate a damaged vehicle’s tire?**

A) Drive a halligan point through the sidewall

B) Cut or twist off the valve stem

C) Bleed out air through the valve stem

D) Tires never need to be deflated

**Electric vehicles make a noise when ON or able to move.**

A) TRUE

B) FALSE

**Electric vehicles never pose a fire danger.**

A) TRUE

B) FALSE

**Prior to performing a ‘B’ column cut or dash roll, cribbing must be placed under the ‘B’ column to prevent vehicle collapse.**

A) TRUE

B) FALSE

**Griggsville FD’s new electric tools require both batteries be in place to perform properly.**

A) TRUE

B) FALSE