TRAILER TOWING SAFETY VIDEO QUESTIONNAIRE

1) What is Gross Vehicle Weight (GVW)?
   
   A) The weight of the towing unit unloaded  
   B) The weight of the trailer loaded  
   C) The combined weight of the tow vehicle and trailer  
   D) The combined weight of the loaded vehicle and trailer  
   E) The maximum allowable weight of the combined vehicle and the trailer without exceeding limits of either unit

2) What is the maximum gross vehicle weight (GVW)?
   
   A) The weight of the trailer and the load it is carrying  
   B) The weight of the tow vehicle and the load it is carrying  
   C) The manufacturer’s recommended total capacity for the tow vehicle, including the trailer  
   D) The combined weight of both the tow vehicle and trailer  
   E) The vehicles hitch capacity

3) Where is the best place to locate information on GVW?
   
   A) The trailer owner’s manual  
   B) The vehicle owner’s manual  
   C) The hitch supplier  
   D) The draw bar supplier  
   E) The individual that attached the draw bar to the vehicle
4) Name the types of tow vehicle mentioned in the introduction

A) All highway licensed vehicles under 26,000 lbs. GVW
B) Tractors and small farm equipment
C) Pick-up trucks, vans, flat-bed trucks and medium-duty trucks with GVW limits
D) Chevys, Dodies, International Harvesters and Jimmys
E) F-150, F-250, F-350, Chevy 1500, 2500, 3500

5) Name the type of trailer brakes used in this DVD

A) Heavy duty long life
B) Hydraulic boosted friction brakes
C) Adjustable power assisted
D) Surge brakes
E) Adjustable electric brakes
F) Air brakes

6) How much tongue weight is recommended on a loaded trailer?

A) Put the heaviest load at the front of the trailer
B) Half of the trailer weight goes to the front of the trailer
C) Balance the load on the trailer bed
D) About 10% of the load weight belongs on the tongue at the coupler socket
E) Load the trailer so you can physically pick the coupler up and set it over the ball
7) What is the breakaway switch for, and why is it necessary to attach the pull cable to the safety chain?

   A) The switch lets the tow driver know when the trailer is not hooked up properly
   B) The switch activates warning lights on the trailer
   C) The switch provides power to accessories when the trailer is not connected to the tow vehicle
   D) The switch activates the trailer brakes in the event of a separation of the trailer while being towed
   E) The switch lets others know the unit is backing up

8) Name the circuits in a trailer wiring harness going to the trailer/vehicle plug.

   A) Pins and sockets with tabs, couplers and wires
   B) Male and female couplings with tabs and receivers
   C) Male and female couplings with tabs and receivers
   D) Wires, terminals, wire with color coding and lights
   E) Ground, R & L signal, stoplights, brake lights and brake
   F) Lights, switches, 12 volts, clips, couplings and tie wrap

9) What does a tow vehicle driver do to check the trailer brake connection between the trailer and the tow vehicle?

   A) Drive to the nearest stop sign and try to stop
   B) Ride the tow vehicle brakes to get the feel of the trailer
   C) Make sure the trailer brake lights are working
   D) Manually apply the emergency brake in the tow vehicle
   E) Manually apply the trailer brakes using the electric brake control unit located in the tow vehicle
10) What are the conditions that would cause a tow driver to make an adjustment to the electric brake control in the tow vehicle?

A) Trailer weight changes because of a load change
B) A change in road conditions
C) Changing a trailer and using the same tow vehicle
D) A change in the weather conditions
E) All of the above

11) What is the proper safety chain attachment method from the trailer to the tow vehicle?

A) Fastening the chains together in front of the coupler
B) Hooking the safety chains under the coupler left to right, right to left with the forward end on the receiver eyes
C) Twisting the chains to take up the slack on long chains so they do not drag on the pavement causing dangerous sparks
D) Looping chains around the draw bar to take up extra slack to prevent early replacement due to wear
E) Use bolt method to keep slack out of chain and make the proper length after repairing

12) What is the proper safety chain repair method?

A) Bolting a short length of chain to the existing chain
B) Replace with the same type length and fastening method
C) Weld an extra length of chain to the existing chain
D) Do nothing, tell someone and go ahead and use it as is
E) Wrap a longer chain around the coupler and fasten the other end to the tow vehicle
13) Name the four major components necessary to couple a trailer to a tow vehicle.

A) Trailer with brakes, brake lights, clearance lights, wheels  
B) Trailer tow vehicle electric power mirrors  
C) Ball and socket, truck, and trailer hitch  
D) Tow vehicle driver, truck and trailer  
E) Coupler, draw bar, receiver and ball

14) What part is attached to the coupler that keeps the ball in the socket?

A) Safety pin and keeper in a closed cam lever  
B) Locked lock in a closed cam lever  
C) Bolt and nut in a closed cam lever  
D) Cam lever operating a device that closes the coupler opening to the ball and has a hole for a safety pin, lock or bolt and nut  
E) All of the above

15) What two answers fit conditions of a property loaded trailer?

A) A secured and tied down load using chain binders and straps and/or winches to hold the load from shifting  
B) Weight is distributed evenly with 10% to 12% of the total trailer weight on the trailer tongue at the center of the coupler socket, not exceeding both the trailer GVW or the total GVW as tagged by the manufacturers of the trailer and vehicle  
C) Heaviest objects loaded over the axle regardless of the tongue weight  
D) A load that falls within the trailer manufacturers GVW  
E) Any load that doesn’t exceed the trailer manufacturers specifications and tire capacity
16) Why are tire ratings and pressures so important to know?

A) Overloaded and/or under-inflated tires are dangerous
B) Tire ratings must match the load with little air in them
C) Overloaded and/or under-inflated tires cushion the load
D) Using wrong rated tires under-inflated saves money
E) You can only drive slow on under-rated, under-inflated tires

17) If you wrote yourself a checklist for pulling a trailer, what would be five of the top fifteen items you would check?

A) 1. You have filled the tow vehicle fuel tank
   2. Trailer was fastened to the tow vehicle
   3. You have a spare tire
   4. A tarp is available to cover the load
   5. The heaviest items are in the front of the trailer

B) 1. The coupler and the ball are the same size
   2. All load capacities are not exceeded
   3. Safety chains are in good condition without repairs
   4. Tires on the tow vehicle and trailer are properly inflated
   5. The coupler was securely locked in the closed position

C) 1. The trailer plug is securely in the two vehicle socket
   2. Brakes are checked and working
   3. All lights work
   4. Turn signal lighting works
   5. Brake lights work when the brakes are activated

D) 1. The load in the trailer is properly placed with 10% to 12% of the total loaded trailer weight on the coupler
   2. All item on the trailer are secured preventing shifting
   3. The breakaway switch is properly attached to the safety chains
   4. The tow vehicle mirrors are properly adjusted
   5. The tow vehicle driver is attentive
E) 1. All of the above
   2. A, C and D above
   3. C, D and E above
   4. None of the above
   5. B, C and/or D above