General Knowledge Test 1

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1. Truck escape ramps:
   a. ☐ Cannot be used by certain types of heavy vehicles.
   b. ☐ Are designed to protect vehicles from damage.
   c. ☐ Should not be used unless you have first tried all other ways to save your vehicle after brake failure.
   d. ☐ All of the above.

2. Which of these can cause the vehicle to skid?
   a. ☐ Not enough weight on the front axle.
   b. ☐ Over acceleration.
   c. ☐ Turning too sharply.
   d. ☐ All of the above.

3. You are driving a vehicle that could safely be driven at 55 MPH on an open road. But traffic is now heavy, moving at 35 MPH although the speed limit is 55. The safest speed for your vehicle in this situation is most likely:
   a. ☐ 55 MPH
b. ○ 45 MPH 

c. ○ 35 MPH 

d. ○ 25 MPH 

4. Every time you park your vehicle and shut the engine off you should: 

a. ○ Leave it in gear (if it has a manual transmission). 

b. ○ Apply the parking brake. 

c. ○ Turn the steering wheel as far to the left as you can. 

d. ○ Do all the above. 

5. Which of these describes how you should use the brake pedal on a steep downhill grade? 

a. ○ Release the brake when you are 5 MPH below your safe speed, then let your speed come back up to your safe speed and repeat braking again, (bring you speed down 5 MPH below your safe speed.) 

b. ○ With stronger pressure as the vehicle goes downhill. 

c. ○ Light steady pressure. 

d. ○ Light, pumping action. 

6. For an average commercial vehicle, being driven at 55 MPH on dry pavement it will take about _____ to bring the vehicle to a stop. 

a. ○ The length of a vehicle. 

b. ○ Half the length of a football field. 

c. ○ Twice the length of the vehicle. 

d. ○ The length of a football field. 

7. Which of these statements about certain types of cargo is true? 

a. ○ Oversize loads can be hauled without special permits during times when the roads are not busy.
b. ○ When liquids are hauled, the tank should always be loaded totally full.
c. ○ Unstable loads such as hanging meat or livestock require extra caution on curves.
d. ○ Loads that consist of liquids in bulk do not present vehicle handling problems because they are usually very heavy.

8. Which of these statements about backing a heavy vehicle is true?

a. ○ Backing is always dangerous.
b. ○ You should back and turn toward the driver's side whenever possible.
c. ○ You should use a helper and communicate with hand signals.
d. ○ All of the above are true.

9. When should you wear seat belts?

a. ○ Only in states where it is required by law.
b. ○ Any time you are in a moving vehicle.
c. ○ Only when engaged in interstate commerce.
d. ○ Only when traveling on a highway.

10. The most common cause of serious vehicle skids is:

a. ○ Driving too fast for road conditions.
b. ○ Poorly designed roads.
c. ○ Poorly adjusted brakes.
d. ○ Poorly adjusted brakes.

11. If you are being tailgated, you should:

a. ○ Signal the tailgater when it is safe to pass.
b. ○ Speed up.
c. ○ Flash your brake lights.
d. □ Increase the space in front of you.

12. The parking brake should be tested while the vehicle is:
   a. □ Moving slowly.
   b. □ Moving at highway speed.
   c. □ Going downhill.
   d. □ Parked

13. A drivers trip log, if required:
   a. □ May be brought up to date once a week.
   b. □ Is also called a
   c. □ Must be shown immediately when an officer requests it.
   d. □ All of the above.

14. Should the pre-trip inspection report from the last driver be reviewed during your pre-trip inspection?
   a. □ Yes
   b. □ No

15. If you are stopped at a roadside rest and found to have a BAC (Blood Alcohol Concentration) of .02 you will:
   a. □ In trouble with the dispatcher
   b. □ Be placed out of service for 24 hours
   c. □ Be placed out of service for 48 hours
   d. □ Be placed out of service for 72 hours

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General Knowledge Test 2

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Name:  
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1. When roads are slippery, you should:

   a.  ○ Stop and test the traction while going up hills.
   b.  ○ Drive alongside other drivers.
   c.  ○ Decreases the distance that you look ahead of your vehicle.
   d.  ○ Make turns as gently as possible.

2. While driving, you see a small (1 foot square) cardboard box ahead in your lane. You should:

   a.  ○ Steer around it when it is safe to do so.
   b.  ○ Hit it with your vehicle to knock it off the road.
   c.  ○ Brake hard to avoid hitting it.
   d.  ○ Stop and direct traffic around it.

3. Which of these pieces of emergency equipment should be carried at all times in your vehicle?

   a.  ○ Fire extinguishers.
   b.  ○ Warning devices for parked vehicles.
   c.  ○ Spare electrical fuses (if the vehicle uses them).
d. ○ All of the above.

4. What is counter steering?
   a. ○ Using the steering axle brakes to prevent over steering.
   b. ○ Steering in the opposite direction from what other drivers expect you to do.
   c. ○ Turning the wheel in the opposite direction after steering to avoid a traffic emergency.
   d. ○ Turning the steering wheel counter clockwise.

5. You do not have a hazardous materials endorsement on your commercial drivers license. When can you drive a vehicle hauling hazardous materials?
   a. ○ Never
   b. ○ Only when the shipment will not cross state lines.
   c. ○ Only when the vehicle does not require placards.
   d. ○ Only when a person who has the hazardous materials endorsement rides in the vehicle.

6. You are driving a new truck with a manual transmission. What gear will you probably have to use to take a long downhill grade?
   a. ○ A lower gear that you would use to climb the hill.
   b. ○ The same gear you would use to climb the hill.
   c. ○ A higher gear that you would use to climb the hill.
   d. ○ None: newer trucks can coast down hills.

7. High beams should be:
   a. ○ Dimmed when you are within 100 feet of another vehicle.
   b. ○ Used whenever it is safe and legal to do so.
   c. ○ Turned on when an oncoming driver does not dim his or her lights.
d. ○ All of the above.

8. An en-route inspection should include checking:
   a. ○ Cargo doors and / or cargo securement.
   b. ○ Tire temperature.
   c. ○ Brake temperature.
   d. ○ All of the above.

9. Where or when should you test the stopping action of your service brakes?
   a. ○ At a special brake testing center only.
   b. ○ When the vehicle is traveling downhill without a load.
   c. ○ When the vehicle is moving at about 5 MPH.
   d. ○ In a parking lot when the vehicle is not moving.

10. Stab braking:
    a. ○ Should never be used.
    b. ○ Involves locking the wheels.
    c. ○ Involves steady pressure on the brake pedal.
    d. ○ Should only be used on slick roads.

11. Which of these statements about using turn signals is true?
    a. ○ When turning, you should signal early.
    b. ○ You do not need to use your signal when changing lanes on a four lane highway.
    c. ○ You should use your turn signal to mark your vehicle when it is pulled off the side of the road.
    d. ○ When turning, you should cancel the signal just before you make the turn.
12. Retarders:
   a. ○ Allow you to disconnect the steering axle brakes.
   b. ○ Cannot be used on interstate highways.
   c. ○ Work better at very low rpms.
   d. ○ Can cause the vehicle to skid when the road is slippery.

13. Which of these statements about staying alert to drive is true?
   a. ○ If you must stop to take a nap, it should be at a truck stop or other public area never on the side of the road.
   b. ○ A half-hour break for coffee will do more to keep you alert than a half-hour nap.
   c. ○ The only thing that can cure fatigue is sleep.
   d. ○ There are drugs that can overcome being tired.

14. You are driving on a two lane road. An oncoming driver drifts into your lane and is headed straight for you. Which of these is generally the best action?
   a. ○ Steer to the right
   b. ○ Steer onto the left shoulder
   c. ○ Hard braking
   d. ○ Steer into the oncoming lane

15. You should avoid driving through deep puddles or flowing water. But if you must, which of these steps can help keep your brakes working?
   a. ○ Applying hard pressure on both the brake pedal and accelerator after coming out of the water.
   b. ○ Gently pressing the brake pedal while driving through the water.
   c. ○ Turning on your brake heaters.
   d. ○ Driving through quickly.
General Knowledge Test 3

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1. Which of these statements about brakes is true.
   a. ○ Brake drums cool very quickly when the vehicle is moving very fast.
   b. ○ Brakes have more stopping power when they get very hot.
   c. ○ The heavier a vehicle or the faster it is moving, the more heat the brakes have to absorb to stop it.
   d. ○ All of the above are true.

2. What should you do when your vehicle hydroplanes?
   a. ○ Release the accelerator.
   b. ○ Start stab braking.
   c. ○ Counter steer hard.
   d. ○ Accelerate slightly.

3. Which fires can you use water to put out?
   a. ○ Gasoline fires.
   b. ○ Tire fires.
   c. ○ Electrical fires.
d. ○ All of the above.

4. Your vehicle is in a traffic emergency and may collide with another vehicle if you do not take action. Which of these is a good rule to remember at such a time?

a. ○ Stopping is always the safest action in a traffic emergency.
b. ○ Open the door and jump out if you have time.
c. ○ Heavy vehicles can almost always turn more quickly than they can stop.
d. ○ Leaving the road is always more risky that hitting another vehicle.

5. Which of these is a sign of tire failure?

a. ○ Steering that feels heavy.
b. ○ Vibration.
c. ○ A loud bang.
d. ○ All of the above.

6. Which of these statements about drinking alcohol is true?

a. ○ Some people are not affected by drinking.
b. ○ A few beers have the same effect on driving as a few shots of whisky.
c. ○ Coffee and fresh air can sober a person up.
d. ○ All of the above are true.

7. Which of these can help you stay alert while driving?

a. ○ Taking short breaks before you are drowsy.
b. ○ Keeping the cab warm.
c. ○ Taking a cold pill.
d. ○ Scheduling trips during hours that you are normally asleep.
8. Which one of these is not part of the check of the engine compartment done for a pre trip inspection?

a. □ Worn wiring insulation.
b. □ Engine oil level.
c. □ Condition of belts and hoses.
d. □ Valve clearance.

9. According to the driver's manual, why should you limit the use of your horn?

a. □ It wears down the battery.
b. □ It can startle other drivers.
c. □ The horn is not a good way to let others know you're there.
d. □ You should keep both hands tightly gripping the steering wheel.

10. You are traveling down a long, steep hill. Your brakes get so hot that they fail. What should you do?

a. □ Pump the brake pedal.
b. □ Down shift.
c. □ Look for an escape ramp or escape route.
d. □ All of the above.

11. How far should a driver look ahead of the vehicle while driving?

a. □ 6-9 seconds
b. □ 9-12 seconds
c. □ 12-15 seconds
d. □ 18-21 seconds

12. Which of these statements about cargo loading is true?
a. ○ State laws dictate legal weight limits.
b. ○ Slight overloading of a vehicle can make its brakes work better.
c. ○ If the shipper loads cargo, the driver is not responsible for overloading.
d. ○ The legal maximum weight allowed by a state can be considered safe for all driving conditions.

13. Which of these statements about marking a stopped vehicle is true?

a. ○ The vehicle’s tail lights should be kept on to warn other drivers.
b. ○ If a hill or curve keeps drivers behind you from seeing the vehicle within 500 feet, the rear reflective triangle should be moved back down the road to give adequate warning.
c. ○ You do not need to put out reflective triangles unless the vehicle will be stopped for 30 minutes or more.
d. ○ All of the above are true.

14. You are driving a 40 foot vehicle at 45 MPH. Driving conditions are ideal (dry pavement, good visibility). What is the least amount of space that you should keep in front of your vehicle to be safe?

a. ○ 2 seconds
b. ○ 3 seconds
c. ○ 4 seconds
d. ○ 5 seconds

15. The amount of liquid to load into a tank depends on:

a. ○ The weight of the liquid.
b. ○ The legal weight limits.
c. ○ The amount of liquid will expand in transit.
d. ○ All of the above

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General Knowledge Test 4

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1. You are starting your vehicle in motion from a stop. As you apply power to the drive wheels, they start to spin. You should:
   a. ○ Take your foot off the accelerator and apply the brakes.
   b. ○ Press harder on the accelerator.
   c. ○ Take your foot off the accelerator.
   d. ○ Try a lower gear.

2. You should use your mirrors to check:
   a. ○ Traffic gaps before you merge.
   b. ○ The condition of the tires and cargo.
   c. ○ Where the rear of your vehicle is while you make turns.
   d. ○ All of the above.

3. The proper way to hold a steering wheel is at clock positions ____ and ____.
   a. ○ 6 and 12
   b. ○ 3 and 9
   c. ○ 4:30 and 7:30
4. Cargo inspections:
   a. 〇 Should be performed after every break you take while driving.
   b. 〇 Are only needed if hazardous materials are being hauled
   c. 〇 Not the responsibility of the driver.
   d. 〇 Should be performed every 6 hours or 300-miles.

5. Your brakes can get wet when you drive through a heavy rain. What can this cause when the brakes are applied?
   a. 〇 Lack of braking power
   b. 〇 Trailer jackknife
   c. 〇 Wheel lockup
   d. 〇 All of the above

6. How do you test hydraulic brakes for leaks?
   a. 〇 Measure the free play in the pedal with a ruler.
   b. 〇 With the vehicle stopped, pump the pedal three times, apply firm pressure for 5 seconds, then hold and see if the pedal moves.
   c. 〇 Step on the brake pedal and the accelerator at the same time and see if the vehicle moves.
   d. 〇 Move the vehicle slowly and see if it stops when the brake is applied.

7. Which of these is a good rule to follow when driving at night.
   a. 〇 Keep your instrument lights bright.
   b. 〇 Look directly at oncoming headlights only briefly.
   c. 〇 Keep your speed slow enough that you can stop within the range of your headlights.
   d. 〇 Wear sun glasses
8. A vehicle is loaded with very little weight on the drive axle. What may result?
   a. □ Damage to drive axle tires.
   b. □ A need to disconnect the steering axle brakes.
   c. □ Better handling.
   d. □ Poor traction

9. The key principle in balancing cargo weight is to keep the load:
   a. □ On the side away from most traffic.
   b. □ Balanced in the cargo area
   c. □ To the front
   d. □ To the rear

10. Which of these statements about using mirrors is true?
    a. □ There are blind spots that your mirrors cannot show you.
    b. □ You should check your mirrors twice for a lane change.
    c. □ You should look at a mirror for several seconds at a time.
    d. □ Convex mirrors make things look closer than they really are.

11. Which of these statements about cold weather driving is true?
    a. □ In snow storms, wiper blades should be adjusted so that they do not make direct contact with the windshield.
    b. □ Exhaust system leaks are less dangerous in cold weather.
    c. □ There is no need to worry about engine overheating when the weather is very cold.
    d. □ Windshield washer antifreeze should be added to the washer reservoir.

12. The most important reason for being alert to hazards is so:
13. Which of these is a good rule to follow when using a fire extinguisher?

a. ○ Stay downwind of the fire.
b. ○ Keep it as close to the fire as possible.
c. ○ Aim at the base of the fire.
d. ○ All the above.

14. Is it legal to drive with one fourth of a vehicle's leaf springs broken or missing?

a. ○ It doesn't make any difference as long as you drive slow.
b. ○ Yes
c. ○ No
d. ○ None of the above.

15. You have left the road in an emergency condition, it is impossible for you to come to a stop prior to returning to the road, which of the following is the best action to take?

a. ○ Stop and turn your vehicle around before entering the road.
b. ○ Make sure the road is clear, and continue to return to the road.
c. ○ Reduce your speed to 20 mph or less before returning to the road.
d. ○ All the above are true.

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General Knowledge Test 5

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1. Which of these statements about down shifting is true.
   a. ☐ When you down shift for a curve, you should do so before you enter the curve.
   b. ☐ When double clutching, you should let the RPM's decrease while the clutch is released and the shift lever is in neutral.
   c. ☐ When you down shift for a hill, you should do so after you start down the hill.
   d. ☐ All of the above are true.

2. Which of these statements about drugs is true?
   a. ☐ A driver can use any prescription drug while driving
   b. ☐ Amphetamines (pep pills or bennies) can be used to help the driver stay alert.
   c. ☐ Use of drugs can lead to accidents and / or arrest.
   d. ☐ All of the above.

3. To avoid a crash, you had to drive onto the right shoulder. You are now driving at 40 MPH on the shoulder. How should you move back onto the pavement?
4. Which of these statements about managing space is true?
   a. ○ Smaller vehicles require more space to stop than larger ones.
   b. ○ When the road is slippery, you should keep much more space in front of your vehicle.
   c. ○ Many accidents are caused by drivers keeping too much space in front of their vehicles.
   d. ○ All of the above.

5. Which of these is the most important things to remember about emergency braking?
   a. ○ If the wheels are skidding you cannot control vehicle.
   b. ○ Disconnecting steering axle brakes will help keep your vehicle in a straight line during emergency braking.
   c. ○ Never do it without down shifting first.
   d. ○ It wears brake linings.

6. To correct a rear wheel (drive wheel) braking skid, you should:
   a. ○ Apply more braking pressure to the brake pedal
   b. ○ Release brakes and accelerate.
   c. ○ Apply more pressure to the brake pedal and steer counter steer.
   d. ○ Release the brakes and steer / counter steer.
7. While driving, ice builds up on your wipers and they no longer clean the windshield. You should:
   a. ☐ Keep driving, and spray the windshield with washer fluid.
   b. ☐ Keep driving, and reach out the window and knock the ice off.
   c. ☐ Pull over in a safe place and remove the ice.
   d. ☐ Keep driving, and turn your defroster on.

8. The road you are driving on becomes very slippery due to glare ice. Which of these is a good thing to do in such a situation?
   a. ☐ Apply the brakes often to keep the linings dry.
   b. ☐ Down shift to stop.
   c. ☐ Drive at a varying speed.
   d. ☐ Stop driving and park where it is safe to do so.

9. You must park on the side of a level, straight, two lane road. Where should you place the three reflective triangles?
   a. ☐ One within 10 feet of the rear of the vehicle, one about 100 feet to the rear, and one about 200 feet to the rear.
   b. ☐ One within 10 feet of the front of the vehicle, one about 200 feet from the front, and one about 100 feet to the rear.
   c. ☐ One within 10 feet of the rear of the vehicle, one about 100 feet to the rear, and one about 100 feet from the front of the vehicle.
   d. ☐ One about 50 feet from the rear of the vehicle, one about 100 feet to the rear, and one about 100 feet from the front of the vehicle.

10. You are driving in the right lane of a four lane, undivided road, you come over a hill and find a car stopped ahead in your lane. You do not have roomed to stop, and the hill blocks your view to the rear. Which of these is most likely the best action to take?
    a. ☐ Steer to the right.
    b. ☐ Use hard braking and brace for collision.
    c. ☐ Steer into the left lane.
11. You are checking your tires for a pre trip inspection. Which of these statements is true?

a. ○ Tires of mismatched sizes should not be used on the same vehicle.
b. ○ Radial and bias-ply tires can be used together on the same vehicle.
c. ○ Dual tires should be touching each other.
d. ○ 2/32 inch tread depth is safe for the front tires.

12. The first step to take if your vehicle catches fire while driving is:

a. ○ Head for the nearest service station.
b. ○ Get the vehicle off the road and stop in an open area.
c. ○ Park in the shade of a building.
d. ○ Immediately open the door and jump out.

13. Which of these statements about double clutching and shifting is true?

a. ○ If you miss a gear while up-shifting, you must bring the vehicle to a stop.
b. ○ Double clutching should only be used with a heavy load
c. ○ You can use the tachometer to tell you when to shift.
d. ○ Double clutching should not be used when the road is slippery.

14. The center of gravity of a load:

a. ○ Is only a problem if the vehicle is overloaded.
b. ○ Should be kept as high as possible.
c. ○ Can make a vehicle more likely to tip over on curves.
d. ○ All of the above.

15. You are testing the stopping action of service brakes on a hydraulic system. Which of these can mean there is a problem?

a. ○ The brake pedal goes to the floor.
b. ○ Stopping action is delayed.
c. ○ The vehicle pulls to one side when the brake pedal is pressed.
d. ○ All of the above.

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General Knowledge Test 6

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Name: __________________________ (Optional)
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1. The distance that you should look ahead of your vehicle while driving amounts to about ____ at highway speed.
   a. 〇 500 feet
   b. 〇 800 feet
   c. 〇 1/4 mile
   d. 〇 One block

2. Which of these statements about tires and hot weather driving is true?
   a. 〇 If a tire is too hot to touch, you should drive on it to cool it off.
   b. 〇 You should inspect your tires more often because they are more likely to fail.
   c. 〇 Recapped tires are less likely to fail in hot weather than new tires.
   d. 〇 All of the above.

3. You are driving a 40 foot vehicle at 35 mph. Driving conditions are ideal (dry pavement, good visibility). What is the least amount of space that you should keep in front of your vehicle to be safe?
4. A moving vehicle ahead of you has a red triangle with an orange center on the rear. What does this mean?
   a. ☐ The vehicle is hauling hazardous materials.
   b. ☐ A student driver is driving it.
   c. ☐ It is a law enforcement vehicle.
   d. ☐ It may be a slow moving vehicle.

5. Which of these statements about drinking alcohol is true.
   a. ☐ Alcohol first affects judgement and self-control, which are essential for safe driving.
   b. ☐ Statistics show that drivers who have been drinking have a much greater chance of being in a crash.
   c. ☐ A driver can lose his / her license for driving while under the influence of alcohol.
   d. ☐ All of the above are true.

6. On which fires can you use the "ABC" fire extinguisher?
   a. ☐ Electrical fires.
   b. ☐ Burning fires.
   c. ☐ Burning cloth.
   d. ☐ All of the above.

7. Which of these statements about speed management is true?
   a. ☐ As the speed of a vehicle doubles, its stopping distance also doubles.
b. ○ You should always brake during curves.
c. ○ You should choose a speed that lets you stop within the distance that you can see ahead.
d. ○ Empty trucks always stop in a shorter distance than fully loaded ones.

8. Cargo that can shift should have at least ____ tie downs.
   
   a. ○ 1
   b. ○ 2
   c. ○ 3
   d. ○ 4

9. If a straight vehicle (no trailer or articulation) goes into a front wheel skid it will:
   
   a. ○ Slide sideways and spin out.
   b. ○ Go straight ahead even if the steering wheel is turned
   c. ○ Go straight ahead but will turn if you turn the steering wheel.
   d. ○ Likely do any of the above.

10. Which of these is a proper use of vehicle lights and flashers?
    
    a. ○ Flashing your brake lights to warn someone behind you of a hazard that will require slowing down.
    b. ○ Turning on your headlights during the day when visibility is reduced due to rain or snow.
    c. ○ Flashing your brake lights to warn someone behind you that you're are going to stop on the road.
    d. ○ All of the above.

11. Which of these statements about crossing or entering traffic with a heavy vehicle is true?
    
    a. ○ Heavy vehicles need larger gaps in traffic than cars.
b. ○ The heavier your load, the smaller the gap needed to cross traffic.

c. ○ The best way to cross traffic is to pull the vehicle partway across the road and block one lane while waiting for the other to clear.

d. ○ Because heavy vehicles are easy to see, you can count on other drivers to move out of your way or slow down for you.

12. You are checking your wheels and rims for a pre trip inspection. Which of these statements is true?

a. ○ A vehicle can be safely driven with one missing lug nut on a wheel.

b. ○ Mismatched lock rings can be used on the same vehicle.

c. ○ Rust around wheel nuts may mean that they are loose.

d. ○ Cracked wheels or rims can be used if they have been welded.

13. Controlled braking:

a. ○ Is used to keep a vehicle from skidding.

b. ○ Involves locking the wheels for short periods of time.

c. ○ Can be used while you are turning sharply.

d. ○ All of the above.

14. Your vehicle has hydraulic brakes. While traveling on a level road, you press the brake pedal and find that it goes to the floor. Which of these statements is true?

a. ○ You should not downshift if you have an automatic transmission.

b. ○ Pumping the brake pedal may bring the pressure up so you can stop the vehicle.

c. ○ The parking brake will not work either because it is part of the same hydraulic system.

d. ○ All of the above are true.
15. Which of these statements about escape ramps is true?

   a.  Circle They protect equipment and cargo from severe damage.
   b.  Circle They are designed to prevent injury to drivers and passengers.
   c.  Circle They are used to stop vehicles that lose their brakes on downhill grades.
   d.  Circle All of the above are true.

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General Knowledge Test 7

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Name: ____________________________ (Optional)
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1. Which of these tell you that cargo contains hazardous materials?
   a. ☐ A four inch, diamond shaped hazardous materials label on the container.
   b. ☐ The name of the hazard class on the shipping paper.
   c. ☐ A hazardous materials placard on the vehicle.
   d. ☐ All of the above.

2. To prevent shifting, there should be at least one tie down for every ___ feet of cargo.
   a. ☐ 10
   b. ☐ 15
   c. ☐ 18
   d. ☐ 20

3. Cargo covers:
   a. ☐ Protect people from spilled cargo.
   b. ☐ Protect cargo from weather.
   c. ☐ May be required by law.
d. ○ All of the above.

4. Which of these statements about accelerating is true?
   a. ○ You should feel a "jerking" motion if you are acceleration your vehicle properly.
   b. ○ Improper acceleration can cause mechanical damage.
   c. ○ When traction is poor, more power should be applied to the accelerator.
   d. ○ All the above are true.

5. You are driving a heavy vehicle with a manual transmission. You have to stop the vehicle on the shoulder while driving on an upgrade. Which of these is a good rule to follow when putting it back in motion.
   a. ○ Use the parking brake to hold the vehicle until the clutch engages.
   b. ○ Let the vehicle roll backwards a few feet before you engage the clutch.
   c. ○ Let the vehicle roll backwards a few feet before you engage the clutch, but turn the wheel so that the back moves away from the roadway.
   d. ○ Keep the clutch slipping while slowly accelerating.

6. Which of these can cause a fire?
   a. ○ Loose fuel connections.
   b. ○ Under-inflated tires.
   c. ○ Electrical short-circuits.
   d. ○ All of the above.

7. You are checking your steering and exhaust systems for a pre-trip inspection. Which of these statements is true?
a. ○ Some leakage of power steering fluid is normal
b. ○ Leaks in the exhaust system are not a problem if they are outside the cab.
c. ○ Steering wheel play of more than 10 degrees (2 inches on a 20-inch steering wheel) can make it hard to steer.
d. ○ All the above are true.

8. A vehicle is loaded with most of the weight on the steering axle. What may result?
   a. ○ A need to disconnect the steering axle brakes.
   b. ○ Better handling
   c. ○ Too little traction on the steering axle.
   d. ○ Hard steering and possible breakdown.

9. If you are convicted for driving under the influence while driving a commercial vehicle, and this is your first offence, you will most likely get:
   a. ○ A fine of $500.00
   b. ○ Probation for a period of one year
   c. ○ At least a one-year suspension of your CDL
   d. ○ A warning

10. Some liquid tanks are divided into several smaller tanks by:
    a. ○ Bore tanks
    b. ○ Bulkheads
    c. ○ Baffles
    d. ○ Containers

11. Front end header boards:
    a. ○ Block the forward movement of your cargo
b. ☐ Protect you from your cargo in case of collision  
   c. ☐ Both of the above  
   d. ☐ None of the above

12. The height of the vehicle center of gravity is very important for safe handling. A high center of gravity means you are more likely to do the following:
   a. ☐ Increase speed going down hill  
   b. ☐ Increase stopping distance  
   c. ☐ Roll over  
   d. ☐ None of the above

13. The load means the following?
   a. ☐ Specified pressure an air tire can carry  
   b. ☐ The maximum safe weight a tire can carry at a specified pressure  
   c. ☐ Both of the above  
   d. ☐ None of the above

14. Whether or not you load and secure your load yourself, you are responsible for:
   a. ☐ Knowing your cargo is securely tied down and covered  
   b. ☐ Inspecting your cargo  
   c. ☐ Recognizing overloads and poorly balanced weight  
   d. ☐ All of the above

15. When approaching a curve you should:
   a. ☐ Downshift as you come out of the curve  
   b. ☐ Downshift while in the curve  
   c. ☐ Downshift before entering the curve and accelerate slightly as
you go through it

d. ○ Downshift at anytime, it doesn’t make a difference

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General Knowledge Test 8

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Name: _________________________ (Optional)
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1. Which of these statements about driving in areas with strong winds is true?
   a. ○ Winds are especially a problem when coming out of tunnels.
   b. ○ You should drive alongside other vehicles to help break up the wind.
   c. ○ You can lessen the effect of the wind by letting some air out of your tires.
   d. ○ The lighter your vehicle, the less trouble you will have with the wind.

2. You are driving a heavy vehicle. You must exit a highway using an off-ramp that curves downhill. You should:
   a. ○ Come to a full stop at the top of the ramp.
   b. ○ Wait until you are in the curve before downshifting.
   c. ○ Slow down to a safe speed before the turn.
   d. ○ Slow to the posted speed limit for the off-ramp.

3. Which of these is a good rule to follow when steering to avoid a crash?
a. ○ Avoid counter steering.
b. ○ Steer with one hand so that you can turn the wheel more quickly.
c. ○ Apply the brakes while turning.
d. ○ Don't turn any more than is needed to clear what is in your way.

4. Which of these statements about downshifting for a long downhill grade is true?

a. ○ The proper time to downshift is just after the vehicle starts down the hill.
b. ○ It allows engine compression and friction to help the brakes slow the vehicle.
c. ○ It should not be done with automatic transmissions.
d. ○ It is necessary if the vehicle has retarders.

5. How do you correct a rear wheel acceleration skid?

a. ○ Apply the brake.
b. ○ Apply more power to the wheels.
c. ○ Stop accelerating.
d. ○ Downshift.

6. Which of these statements about overhead clearance is true?

a. ○ A vehicle's clearance can change with the load carried.
b. ○ You should assume the posted clearance signs are correct.
c. ○ Extra speed will cause air to push your vehicle down for extra clearance.
d. ○ If the road surface causes your vehicle to tilt toward objects at the edge of the road, you should drive close to the shoulder.

7. Medical certificates must be renewed every:
a.  ○ One year
b.  ○ Two years
c.  ○ Four years
d.  ○ None of the above

8. During a pre-trip inspection you discover an exhaust leak or power steering leak, you should:

a.  ○ Report the problem and make arrangements for another bus to use.
b.  ○ Go home because shouldn't drive the vehicle this way.
c.  ○ Note the problem and continue your route.
d.  ○ None of the above.

9. During what time in your pre-trip inspection do you check the back emergency door? (to insure it is closed.)

a.  ○ During step four (lights first half) the inside walk through.
b.  ○ Only during the operation inspection of the pre-trip.
c.  ○ Only during the inside walk through.
d.  ○ None of the above.

10. Inspect your cargo after you have driven

a.  ○ 25 miles
b.  ○ 50 miles
c.  ○ 100 miles
d.  ○ None of the above

11. Axle weight means the following?

a.  ○ The weight transmitted to the ground by one axle or one set of axles
b.  ○ The weight transmitted to the tires from the axle
c. ○ None of the above

12. Blocking your cargo to keep it from sliding must be done:

a. ○ Side of cargo
b. ○ Back of cargo
c. ○ Front of cargo
d. ○ All of the above

13. The basic two reasons to cover your cargo are 1) to protect the cargo from the weather and 2):

a. ○ Protect people from spilled cargo
b. ○ Protect vehicle following you from spilled cargo
c. ○ Protect the roadway from spilled cargo
d. ○ All of the above

14. Overlength, overwidth, and / or overweight loads require:

a. ○ Flashing lights
b. ○ Driving limited to certain times
c. ○ Special transit permits.
d. ○ All of the above

15. Turn signals should be used:

a. ○ At least 100ft. Before turning or changing lanes
b. ○ At least 200ft. Before turning or changing lanes
c. ○ At least 300ft. Before turning or changing lanes
d. ○ At least 500ft. Before turning or changing lanes

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General Knowledge Test 9

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Name: __________________________ (Optional)

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1. Which of these statements about speed management is true?
   a. ○ On a wet road, you should reduce your speed by about 1/3.
   b. ○ On packed snow, you should reduce your speed by about 1/2.
   c. ○ When the road is slippery, it will take longer to stop and it will be harder to turn without skidding.
   d. ○ All of the above.

2. You are driving on a straight, level highway at 50 mph. There are no vehicles in front of you. Suddenly a tire blows out on your vehicle. What should you do first?
   a. ○ Begin light braking.
   b. ○ Begin controlled or stab braking.
   c. ○ Stay off the brake until the vehicle slows down on its own.
   d. ○ Quickly steer onto the shoulder.

3. As the blood alcohol concentration (BAC) goes up, what happens?
   a. ○ The person becomes more dangerous if allowed to drive.
   b. ○ The effects of alcohol decreases.
4. Which of these will help keep an engine cool in hot weather?
   a. ☐ Making sure the engine has the right amount of oil.
   b. ☐ Properly adjusted v-belts.
   c. ☐ Avoiding high speed driving.
   d. ☐ All of the above.

5. What is hydroplaning?
   a. ☐ Only occurs when there is a lot of water.
   b. ☐ Is more likely if tire pressure is low.
   c. ☐ Cannot occur when driving through a puddle.
   d. ☐ Only occurs at speeds above 50 mph.

6. When a vehicle is carrying a load at night, which extends four feet or more beyond the rear of the body, there must be _____ at the extreme end of the load.
   a. ☐ A red flag.
   b. ☐ 2 red flags.
   c. ☐ 1 red light.
   d. ☐ 2 red lights.

7. When checking the bus seats, what are you looking for?
   a. ☐ To insure they are securely fastened to the bus.
   b. ☐ To see if they have been removed.
   c. ☐ To insure the seat and back portions are not loose.
   d. ☐ All the above.
8. You must inspect your cargo:
   a. ○ After every break
   b. ○ Every 3 hours or 150 miles
   c. ○ Before starting
   d. ○ All of the above

9. Tie downs must be of the proper type and strength. The combined strength of cargo tie downs must be strong enough to lift.
   a. ○ One and one half times the weight of the cargo tied down
   b. ○ Three times the weight of the cargo tied down.
   c. ○ Twice the weight of the cargo tied down
   d. ○ The weight of the cargo tied down

10. Tank vehicles are used to carry any liquid and are dangerous to drive because:
    a. ○ Danger of load surge
    b. ○ High center of gravity
    c. ○ Both of the above
    d. ○ None of the above

11. Gross Vehicle Weight Rating (GVWR) means the following?
    a. ○ Maximum gvw specified by manufacture for a single vehicle plus load
    b. ○ Maximum gvw specified by the manufacture
    c. ○ Maximum gvw specified by manufacture for a single vehicle
    d. ○ None of the above

12. Gross Vehicle Weight (GVW) means the following:
a. ○ Total weight of a single vehicle plus its load
b. ○ Total weight of a single vehicle
c. ○ Both of the above
d. ○ None of the above

13. Prior to driving, what are some of the items you should check the interior of the bus for?
   a. ○ Schoolbooks and students belongings.
   b. ○ A student or other passengers
   c. ○ Trash and clothing.
   d. ○ All the above

14. How far can the board of education make a student walk to their assigned pick up location?
   a. ○ 1 mile
   b. ○ 1/2 mile
   c. ○ 100 yards
   d. ○ 500 yards

15. There are three types of vehicle inspections, which one is one of them?
   a. ○ Post-trip
   b. ○ Enroute
   c. ○ Pre-trip
   d. ○ All the above

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General Knowledge Test 10

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Name: ________________________________ (Optional)
E-mail: ______________________________ (Optional)

1. You are checking your brakes and suspension system for a pre trip inspection. Which of these statements is true?

   a. ○ Brake pads should not have brake fluid on them.
   b. ○ One missing leaf in a leaf spring can be dangerous.
   c. ○ Brake shoes should be at least 1/32 inch thick.
   d. ○ All of the above are true.

2. You must park on the side of a level, straight, four lane, divided highway. Where should you place the three reflective triangles?

   a. ○ One about 50 feet from the rear of the vehicle, one about 100 feet to the rear, and one about 100 feet from the front of the vehicle.
   b. ○ One within 10 feet of the front of the vehicle, one about 200 feet from the front, and one about 100 feet to the rear.
   c. ○ One within 10 feet of the rear of the vehicle, one about 100 feet to the rear, and one about 100 feet from the front of the vehicle.
   d. ○ One within 10 feet of the rear of the vehicle, one about 100 feet to the rear, and one about 200 feet to the rear.

3. Which of these statements about engine overheating is true?
a. You should never remove the radiator cap on a pressurized system.

b. If your engine overheats within 20 miles of the end of your trip, you should complete the trip and then check the problem.

c. Antifreeze is not needed when the weather is warm.

d. You should never shut off an overheated engine until it cools.

4. Some traffic emergencies may require you to leave the road. Which of these is a good thing to remember?

a. Brake gently to avoid skidding.

b. Use hard braking if you are moving at a speed greater than 20-mph.

c. If you must leave the road, try to get all wheels off the pavement, or at least one side of vehicles tires off the road.

d. Most shoulders will not support a large vehicle.

5. When looking ahead of your vehicle while driving you should look:

a. To the left side of the road.

b. To the right side of the road.

c. Back and forth, near and far.

d. Straight ahead.

6. Which of these items is checked in a pre trip inspection?

a. Whether all vehicle lights are working and are clean.

b. Cargo securement.

c. Wiper blades.

d. All of the above.

7. The "reaction distance" is the distance traveled from the time:
a. ○ The brain tells the foot to push the brake pedal to the time the foot actually pushes the pedal.
b. ○ The eyes see a hazard to the time the brain knows that it is a hazard.
c. ○ The eyes see a hazard to the time the foot pushes the brake pedal.
d. ○ The brake pedal is pressed to the time the brakes begin to slow the vehicle.

8. Which of these statements about vehicle fires is true?

a. ○ If a trailer is on fire, you should drive fast to put out the flames.
b. ○ A burning tire must be cooled.
c. ○ If cargo in a van or a box trailer catches on fire, you should open the cargo doors as soon as you can.
d. ○ If your engine is on fire, you should open the hood as soon as you can.

9. Which of these is the most important thing to remember about emergency braking?

a. ○ Never do it without downshifting first.
b. ○ Disconnecting the steering axle brakes will keep the vehicle in a straight line.
c. ○ If the wheels are skidding, you cannot control the vehicle.
d. ○ Will always work and allow you to avoid an emergency.

10. When driving a commercial vehicle with a height over 13 feet, you should:

a. ○ If you aren’t sure a clearance is high enough, stop and make sure
b. ○ Not worry about the height clearance as long as you stay on the state or federal highways
c. ○ Assume all clearances are high enough
d. ○ All of the above
11. The Gross Combination Weight (GCW) means the following?
   a.  O The total weight of a powered unit plus trailer(s)
   b.  O The total weight of single plus load
   c.  O The total weight of a powered unit plus trailer(s) plus the cargo.
   d.  O The total weight of single vehicle

12. Too much weight on the steering axle can cause the following:
   a.  O Hard steering
   b.  O Damage to the tires
   c.  O Damage to the steering axle
   d.  O All the above

13. Cargo should have at least one tie down for each:
   a.  O 10 feet of cargo
   b.  O 5 feet of cargo
   c.  O 12 feet of cargo
   d.  O 20 feet of cargo

14. The purpose of a baffle is to:
   a.  O Control the load surge
   b.  O Separate the load
   c.  O To keep expansion of load down
   d.  O None of the above.

15. The new BAC (Blood Alcohol Concentration) for commercial drivers to be considered intoxicated when driving a commercial vehicle is:
a. 〇 .01
b. 〇 .04
c. 〇 .05
d. 〇 .10

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General Knowledge Test 11

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Name: __________________________ (Optional)
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1. Which of these is a good driving rule for work zones?
   a. ☐ Turn on you flashers / hazard lights
   b. ☐ Use your brake lights to warn drivers behind you.
   c. ☐ Drive slowly
   d. ☐ All of the above

2. Brake "fade":
   a. ☐ Can be corrected by letting up on the brakes for 1-2 seconds and then re-apply them.
   b. ☐ Only occurs with drum brakes.
   c. ☐ Can be caused by the brakes becoming too hot.
   d. ☐ All of the above.

3. You do not have a hazardous materials endorsement on your commercial driver's license. You are asked to haul hazardous materials in a placarded vehicle. You should:
   a. ☐ Refuse to haul the load.
   b. ☐ Take the placards off the vehicle.
c. ○ Haul the load, but file a report with the department of transportation after the trip.
d. ○ Haul the load, but only to the nearest place where a driver with a hazardous materials endorsement can take over.

4. You should stop driving:
   a. ○ After 5 hours.
   b. ○ After 7 hours.
   c. ○ After 9 hours.
   d. ○ When you become sleepy.

5. Which of these statements about downshifting is true?
   a. ○ When you downshift for a hill, you should do so after you start down the hill.
   b. ○ When double clutching, you should let the rpm’s decrease while the clutch is released and the shift lever is in neutral.
   c. ○ When you downshift for a curve, you should do so before you enter the curve.
   d. ○ All of the above.

6. For your safety, when setting out reflective triangles you should:
   a. ○ Keep them out of sight while you walk to the spot where you set them out.
   b. ○ Carry the triangles at your side.
   c. ○ Turn off your flashers.
   d. ○ Hold the triangles between your body and oncoming traffic.

7. You must drive on a slippery road. Which of these is a good thing to do in such a situation?
   a. ○ Apply the brakes during turns.
   b. ○ Slow down gradually.
8. Cargo that is not loaded or secured properly can cause many problems. Which of these statements is true?

a. □ Other highway users can hit or be hit by loose cargo.
b. □ Loose cargo can cause injury to the driver or passengers during a quick stop or crash.
c. □ Overloading can damage vehicle.
d. □ All of the above are true.

9. Which item below lists almost all or all the emergency equipment that is required on a school bus?

a. □ A fire extinguisher, flashlight, fusees, electrical fuses (if your vehicle uses them), a crow bar, emergency triangles, and a first aid kit (with an emergency medical card for each student inside the first aid kit).
b. □ A crow bar and fire extinguisher only.
c. □ A can of brake fluid, flashlight, and a new bottle of window washer fluid.
d. □ A hammer, nails, screwdriver, pliers, and screws.

10. As part of your pre trip inspection you must:

a. □ Check for poorly balanced weight
b. □ Check if cargo is secured
c. □ Check for overloads
d. □ All of the above

11. No matter how small the cargo is, it should have at least:

a. □ Small loads do not have to have tie downs
b. □ One tie downs
12. Overloading can have a bad effect on?
   a. Speed control
   b. Steering
   c. Braking
   d. All of the above

13. Where should you ignition key be during your pre-trip inspection?
   a. In the ignition
   b. On the dashboard
   c. In your pocket
   d. Pocket on the door

14. Dry bulk tanks require special care because:
   a. The load can shift
   b. They have a high center of gravity
   c. Both of the above
   d. None of the above

15. Under loaded front axles can cause the following:
   a. Too much play in the steering wheel
   b. Poor traction
   c. Damage to the tires.
   d. All of the above

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