

# CDL Practice Quiz

## General Knowledge

1. The safety release valve is located on the air tanks and used by?

- A. Pulling hand valve
- B. Self operated when the air pressure is above 150 PSI
- C. Must be pulled after every working day

2. Which of these is a proper use of vehicle lights and flashers?

- A. Turning on your headlights during the day when visibility is reduced due to rain or snow
- B. Flashing your brake lights to warn someone behind you of a hazard that will require slowing down.
- C. Flashing your brake lights to warn someone behind you that you're going to stop
- D. All answers are correct

3. Which of the following is a key steering component?

- A. Gear box
- B. Bearing plate
- C. Torque rod
- D. Leaf Spring

4. How can you start moving without rolling backwards?

- A. Engage the clutch before removing your foot from the brake
- B. Apply the trailer brake hand valve
- C. Set the parking brake whenever necessary
- D. All of the above

5. Which is NOT one of the four basic skills that operating a commercial motor vehicle requires?

- A. Accelerating
- B. Sterring
- C. First aid certification
- D. Backing Safely

6. What is the average reaction distance?

- A. 32 feet
- B. 61 feet
- C. 93 feet

7. The most common cause of serious vehicle skids are?

- A. Driving too fast for road conditions
- B. Poorly adjusted brakes
- C. Bad tires

8. The distance that you should look ahead of your vehicle while driving amounts to about \_\_\_\_\_ at highway speeds?

- A. One block
- B. 500 feet
- C. 1/4 of a mile

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 rear of the vehicle, one about 100 feet to the rear, and one about 100 feet from the front of the vehicle

C. One within 10 feet of the rear of the vehicle, one about 200 feet to the rear, and one about 100 feet the rear

10. If you are convicted for driving under the influence while driving a commercial vehicle, and this is your first offense you will most likely get?

A. A warning

B. At least a one year suspension of your CDL

C. A fine of \$500

11. Front end header boards:

A. Protect you from your cargo in case of collision

B. Block the forward movement of your cargo

C. Protect your cargo in case of collision and back the forward movement of your cargo

D. None of these are correct

12. How many hours of sleep do you need daily?

A. 5-6

B. 7-8

C. 8-9

13. What is the most important reason to inspect your vehicle before you start your trip?

- A. So you don't run out of gas
- B. To insure safety
- C. To make sure your tires are full
- D. To make sure its clean

14. Who is responsible for correct cargo loading?

- A. The driver
- B. Passanger
- C. Friends
- D. The owner

15. When loading your truck it is important to:

- A. Know the weight capacity rating of the suspension system
- B. Fill up on gas
- C. Do a full walk around
- D. Clean your windows

16. Why should your cargo be covered?

- A. So the trucks look better
- B. So people can't see what is in your truck
- C. To protect people from spillage
- D. To make your truck more aerodynamic

17. What is the GVWR?

- A. Maximum permitted total weight of a vehicle and its cargo
- B. Gas Vehicle Working Road
- C. Estimated weight for a vehicle and cargo
- D. Medium about a wight a vehicle can carry

18. How many tie downs do you need for a 30 foot object on a flatbed cargo trailer?

- A. 2
- B. 4
- C. 5
- D. 3

19. Bracing prevents movement within the trailer?

- A. True
- B. False

20. How many tie downs do you need for a 40 foot object on a flatbed cargo trailer?

- A. 3
- B. 5
- C. 6
- D. 4

21. What should the driver be concerned about when hauling livestock?

- A. The weight
- B. The animals food and water
- C. Amount of animals in the trailer
- D. The weight shifting when animals move

22. When should a truck be under the maximum weight?

- A. When you're late for a delivery
- B. When you're going longer distances and don't want to cover your cargo
- C. When you're not on highway roads
- D. When you're going through the mountains

23. Too little weight can result in?

- A. Poor traction
- B. Excess speeds
- C. Blowing over in the wind
- D. None

24. When you stop during your trip, you should?

- A. Call in and check with dispatch
- B. Check critical items like tires, brakes and cargo tie downs
- C. Check critical items like heater, windshield wipers and defroster

25. High beams should be?

- A. Used whenever it is safe and legal to do so
- B. Turned on when on comming driver does not dim their lights
- C. Dimmed when you are within 100 feet of another vehicle

26. How many tie downs are needed to secure cargo on a flatbed trailer?

- A. 2
- B. 3
- C. 4

27. Dry bulk tanks require special care because?

- A. High center of gravity
- B. Not heavy like other trucks
- C. Their length

28. What's one reason to cover your cargo?

- A. So its hidden from public eyes
- B. Protect from weather conditions
- C. Prevent it from shifting

29. What should a driver do thats carrying a sealed load?

- A. Cover up load
- B. Make sure the weight does not violate weight limits
- C. Drive cautious around curves

30. Whats the consequence for a second of having a blood alcohol concentration of 0.04?

- A. Retake of CDL test in 6 months
- B. 6 month suspension on driving record
- C. Loss of CDL for life

31. Even if you're below the legal limit operating a CMV. If found with alcohol in your system what will happen?

- A. Sent home for 24 hours on out of order
- B. One week suspension
- C. Sent home for 48 hours on out of order

32. While operating a CMV

- A. Always make sure windows are clean
- B. Always wear your seat belt
- C. Always check weight

33. If you get disqualified from driving you MUST?

- A. Notify employer within two business days
- B. Stay off company property
- C. Write a letter stating why you are disqualified

Correct A

34. What is one way you would lose your CDL?

- A. Refusing to take a blood alcohol test
- B. Driving with too heavy of a load
- C. Forgetting to do your walk around

35. If convicted of a traffic violation how long do you have to contact your employer?

- A. 30 days
- B. 15 days
- C. You don't have to inform them

36. You can talk on your phone while operating a CMV

- A. True
- B. False

37. How should your landing gear be during inspection?

- A. Down
- B. Half raised
- C. Fully raised

38. When doing your walk around and you're looking in to the fifth wheel gap you should?

- A. Make sure the lock jaws are fully closed around the king pin
- B. Check landing gear
- C. Check airline connections



39. The front When is the only time to adjust mirrors?

- A. When your driving
- B. When your trailer is straight
- C. When your trailer is turned

40. The front desk was a If you can't tell if the roads are getting icy when driving you can?

- A. Pull over and fill the road
- B. Just drive slower
- C. Roll down the window and fill the mirror

41. What is hydroplaning?

- A. Tires completely on the road
- B. Tires loose contact with the road
- C. Too much play in steering column

42. What is black ice?

- A. Thin ice only on blacktops
- B. Thin ice on the roadway
- C. Ice that has dirt in it

43. What should you do before entering a curve?

- A. Shift up
- B. Shift down
- C. Keep going at the same speed

44. When you are driving remember to keep checking?

- A. Look at front, side and rear of vehicle
- B. Keep your eyes forward at all times
- C. Check only the sides

45. When should you cancel your turning signal?

- A. As soon as you start the turn
- B. After you've made your turn and are heading straight
- C. Right after the turn is completed

46. What is the maximum play on a 20 inch steering wheel?

- A. 1 inch
- B. 2 inch
- C. 3 inch

47. What should you do with a distracted driver on the road?

- A. Speed past them
- B. Slow down
- C. Give them plenty of room

48. What should you also include in your walk around?

- A. Who drove the truck last
- B. Where you are going to be traveling
- C. The previous log

49. Bridges normally freeze before other roadways?

- A. True
- B. False

50. What should you do if being tailgated?

- A. Slow down
- B. Turn on emergency flashers
- C. Make sure there is plenty of room behind and in front of you

51. What should power steering hoses be checked for?

- A. Strength
- B. Leaks
- C. Connections

52. A ramps speed is always correct even for CMV

- A. True
- B. False

53. One way to prevent from becoming a aggressive driver would be?

- A. Play relaxing music
- B. Travel with a friend
- C. Set realistic time frames

54. Before passing someone you should always assume

- A. Assume driver doesn't see you
- B. Assume driver sees you and will make room
- C. Neither a or b

55. How deep of grooves should front tires have?

- A. 4/32 of an inch
- B. 3/32 of an inch
- C. 5/32 of an inch

56. How big of grooves should be found on all the tires but the front?

- A. 2/32 of an inch
- B. 3/32 of an inch
- C. 4.32 of an inch

57. If you have to drive slower than the speed limit you should?

- A. Stop and wait for traffic to be gone
- B. Use four way flashers
- C. Keep on driving and make them go around

58. When driving through puddles you should?

- A. Keep going at the same speed
- B. Accelerate your speed
- C. Gently apply breaks

59. If 1/4 of the leaf springs are missing on inspection the vehicle

- A. Should be fine to keep going
- B. Out of service until it is fixed
- C. Doesn't affect anything

60. How can you best stop if you brakes fail while going down hill?

- A. Hope no one is coming
- B. Steer onto an escape ramp
- C. Keep going, let of gas and pull over when vehicle is slow enough too

61. What can a broken exhaust do?

- A. Slow the truck downPollutePollutePollutePollutePollutePollutePollutePollutePollute
- B. PollutePollute the air
- C. Poisonous fumes can enter the cabin

62. What is a place card?

- A. Signs placed on vehicle to identify cargo hazards
- B. A card that tells you how the truck works
- C. A card that tells you about the vehicle history

63. A pre-trip inspection should be the same every time?

- A. True
- B. False

64. Accelerating roughly is encouraged ?

- A. True
- B. False

65. When breaking..

- A. Break pedal should be pressed down lightly and slowly
- B. Break pedal should be pressed quickly
- C. Break pedal should be pupped on and off slowly

66. How many seconds of distance should you have for every 10 feet of your vehicle when traveling slower than 40 mph?

- A. One second
- B. Two seconds
- C. Three seconds

67. When driving on snow you need to reduce your speed by?

- A. 1/2
- B. 3/4
- C. 1/4

68. When roads are wet speeds should be reduced by?

- A. 1/2
- B. 3/4
- C. 1/3

69. How can you warn drivers that you are slowing down?

- A. Use your emergency flashers
- B. Tap your brake pedal a few times
- C. Use high beam lights

70. How should you mirrors be properly placed?

- A. Part of your vehicle should be visible in
- B. None of your vehicle should be seen
- C. Out as far as they can go

71. How often should your mirrors be checked?

- A. Every stop
- B. Before every trip
- C. Once a week

72. Power steering equipped vehicles should always have what checked?

- A. Proper fuel level
- B. Inspected for leaks
- C. Don't need to check anything

73. How long do you need to scan the road while you are driving?

- A. 10-12 seconds
- B. 12-14 seconds
- C. 12-15 seconds

74. If an emergency happens how far behind the vehicle should warning devices be placed?

- A. 10, 100, and 200 feet
- B. 15, 100, and 300 feet
- C. 10, 110, and 200 feet

75. If your vehicle is left in neutral for too long what could happen?

- A. Nothing
- B. Easier to shift into next gear
- C. May cause problems getting into the next gear

76. When backing up with a trailer you should begin?

- A. Turn with the trailer
- B. Turn in the opposite direction
- C. Neither

77. What are turn signals used for?

- A. Let others know of your intentions
- B. Used only for turning
- C. Reminds you where you're going

78. When driving manual how do you stop?

- A. Push the break then the clutch
- B. Push clutch when its close to dying
- C. Plush break and clutch at the same time

79. What should be checked especially during hot and cold weather?

- A. Engine
- B. Leaks
- C. Tires

80. Which way is best to back when using a trailer?

- A. Either way
- B. Right side
- C. Left side

81. How do you check for leaks in hydrologic breaks?

- A. Pump pedal three times, hold down for five seconds
- B. Pump pedal twice, hold down for five seconds
- C. Pump pedal four times, hold down for five seconds

82. Oil pressure should come up?

- A. Within seconds when starting the car
- B. Within a few minutes
- C. Within 30 seconds

83. When should the radiator cap not be removed?

- A. When coolant is cold
- B. When coolant is warming up
- C. When coolant is hot



84. What should you do if you see an aggressive driver get in a wreck in front of you?

- A. Nothing, keep going
- B. Pull over and see if they are okay
- C. Stop and report their behavior

85. What is the purpose of a vehicle inspection report?

- A. Tells all the times it has been serviced
- B. Tells the problems that need to be fixed
- C. Tells everything about where the truck has been

86. Why should you slow down on a car on the side of the road?

- A. Someone maybe working on a repair and not paying attention to traffic
- B. To look at what happened
- C. To make the traffic behind you slow down to be aware of the car

87. If you are running late to your destination?

- A. Keep going at a safe speed
- B. Speed up so you're not late
- C. Call your destination place and let them know of the situation

88. When you're transporting hazardous materials placards must be placed?

- A. On the front, rear, and sides
- B. On the sides and rear
- C. On the front and rear

89. Over the counter medication can?

- A. Affect your driving
- B. Help with your driving
- C. Does not affect your driving abilities

90. When using a fire extinguisher you should stand as far away as possible?

- A. True
- B. False

91. When driving in fog you should?

- A. Drive at marked speeds
- B. Slow down
- C. Go faster

92. When theres a fire in your vehicle it is best to?

- A. Put it out yourself
- B. Call local fire department
- C. Wait for help

93. How do you put out an electrical fire?

- A. B:C extinguisher
- B. C:B extinguisher
- C. B:D extinguisher

94. What should you do if a tire fails?

- A. Keep driving
- B. Pull over
- C. Don't use your brakes

95. When driving a vehicle with Anti lock braking systems (ABS) you should stop sooner than a vehicle without?

- A. True
- B. False

96. In case of an accident be cautious when using flairs because?

- A. There maybe gas on the ground
- B. They might be to bright for oncoming traffic
- C. They might not last long enough for someone to find you

97. You can text and drive while driving a CMV?

- A. True
- B. False

98. What do you do if you get stuck on a train track?

- A. Stay inside and call for help
- B. Get out and call for help
- C. Try shifting into a lower gear to get out

99. When available you should use a helper when backing?

- A. True
- B. False

100. Always try and park so you don't have to back out?

- A. True
- B. False

101. How does doubling your speed affect your stopping?

- A. It triples
- B. It quadruples
- C. It doubles

102. Every time you're parked on the side of the road you should?

- A. Use your four way flashers
- B. Put out cones
- C. Use flairs

103. How should your vehicle be when testing a parking break?

- A. Placed in a high gear while attempting to pull forward
- B. Placed in a lower gear while attempting to pull forward
- C. Placed in the most common gear while attempting to pull forward

104. The engine should be off when checking lights before driving?

- A. True
- B. False

105. When should you turn off a retarder?

- A. Every time
- B. When roads are wet
- C. When roads are slippery

106. When should you switch to a lower gear when going downhill?

- A. As you are going downhill
- B. Before you start going downhill
- C. You don't need to

107. Leaking shock absorbers indicate a dangerous defect?

- A. True
- B. False

108. When do you need to shift into a higher gear?

- A. Engine speed and road speed
- B. Road speed
- C. Engine speed

109. Be extra careful in a work zone?

- A. True
- B. False

110. Heavy vehicles require what when changing gears?

- A. Double shifting
- B. Double Clutching
- C. Double shifting and clutching

111. Always try and use the right lane when there a two lanes available when turning?

- A. True
- B. False

112. Dual tires should never?

- A. Come in contact with each other
- B. Be different in size
- C. Have different amount of air in them

113. Before backing always get out and look at surroundings?

- A. True
- B. False

## Combination Practice Test

1. What can the “crack-the-whip” effect do

- A. Help a driver safely change lanes
- B. Turn over a trailer
- C. Obstruct the drivers view of the other lanes
- D. Reduce the risk of a rollover

2. How can you prevent rollovers

- A. Take sharp turn
- B. Change lanes quickly
- C. Speeding
- D. Drive slowly around turns

3. When do large combination vehicles take the longest amount of time to stop

- A. When empty
- B. When half filled
- C. When full
- D. None of the above

4. What does it mean to be off-tracking

- A. The vehicle's front wheels are following a different path from its rear wheels
- B. Following a different route from the one provided
- C. To be on an unmarked road
- D. The vehicle's front wheels and following the same path as its rear wheels

5. How should a driver turn the steering wheel when backing a trailer?

- A. Turn the top of the steering wheel in the same direction they want the trailer to go
- B. Let the trailer turn whatever way it wants
- C. Turn the top of the steering wheel in the opposite direction of where the trailer needs to go
- D. Pull into a position that the steering wheel requires no turning to be able to back up

6. What does a trailer's air supply control look like

- A. Blue buttons on the trucks pane
- B. An eight-sided red knob
- C. A yellow lever in the truck
- D. A six-sided blue knob

7. The foot brake or trailer hand brake controls the air pressure in the \_\_\_\_\_ air line.

- A. Emergency
- B. Electrical
- C. Yellow
- D. Service

8. What is one function of the emergency air line?

- A. Take air out of the trailer air tanks
- B. Control the emergency brake
- C. Carry pressure for the service brake
- D. Control all brakes

9. What does having ABS on only one axle do for the driver?

- A. Cause problems in both axles because of the imbalance
- B. Make the brakes work slower when being used
- C. Allow the driver additional control over the vehicle when braking
- D. Make it harder for the driver to control their vehicle while braking

10. What should a driver do if a trailer begins to skid while braking?

- A. Keep on the brakes until they regain traction
- B. Quit using the brakes all together
- C. Slow down and pullover to check the brakes
- D. Release the brakes and wait to regain traction

11. When should the trailer hand valve be used?

- A. Only when testing the trailer brakes
- B. Whenever needed
- C. Only when driving
- D. While being parked/parking

12. All trailers made after what year must be equipped with Anti-Locking Braking Systems (ABS)?

- A. 2001
- B. 1980
- C. 1998
- D. 2010

13. What happens when a combination vehicle goes around a corner?

- A. All wheels move on the same path
- B. The front and rear wheels move in different paths
- C. Every wheel moves on its own path
- D. Only one of the rear wheels follow the same path as the front



14. How do you keep a trailer from moving if it doesn't have spring brakes?

- A. Park on a flat surface and hope it doesn't move
- B. Leave the trailer hooked up to something
- C. Use wheel chocks
- D. Rely on air brakes to hold the trailer in place

15. Where is it difficult to drive trailers with low underneath clearance?

- A. Under a freeway overpass
- B. Over railroad crossings
- C. Over bridge
- D. Under low clearance areas

16. What does a shut-off valve do?

- A. Release air from an air brake system
- B. Turn off a brake system
- C. Prevent air from escaping an air brake system
- D. Turn off the service air line

17. What can happen if a trailer is too high?

- A. It may not couple correctly
- B. It may damage the nose
- C. The trailer will not couple at all
- D. Nothing, it doesn't matter how high or low the trailer is

18. How much space should there be between the upper and lower fifth wheel after coupling?

- A. A foot
- B. Only a few inches
- C. Only enough to see through
- D. No space at all

19. While coupling a trailer, the landing gear should be:

- A. Completely raised
- B. Firmly on the ground
- C. Lowered but not all the way
- D. On the ground without lifting the trailer off the ground

20. Before driving, how can you ensure that air flows to all trailers?

- A. Wait until the vehicle is in motion and see if anything goes wrong
- B. Look to see if all hoses are in the correct positions
- C. No need to check it, just trust the air system
- D. Open the rear shut-off valves and listen for escaping air

21. How can you test the tractor protection valve?

- A. Release air with the brake pedal
- B. Give the tractor protection valve a visual inspection for any obvious damage
- C. or leaks
- D. Use a pressure gauge to check if the valve is maintaining correct pressure within the specified range

22. What do you pull the trailer air supply control out to test?

- A. The trailer's air system
- B. If the trailer's brakes are engaging correctly
- C. The trailer emergency brakes
- D. To make sure the trailer's air system has the correct psi

23. To prevent rollovers the driver should:

- A. Take sharp corners
- B. Keep cargo low
- C. Keep cargo as high as possible
- D. None of the above

24. What is one way a driver can prevent a rollover?

- A. Keep cargo centered on the rig
- B. Take sharp corners
- C. Keep all cargo as high as possible
- D. Overload with cargo so the weight will keep the truck on the ground.

25. Which trailer is most likely to turn over in a sudden turn?

- A. The first
- B. Any in the middle
- C. The last
- D. The tractor

26. When experiencing a trailer jackknife using the trailer hand brake will:

- A. Correct the jackknife and straighten out the trailer
- B. Stabilize the trailer and stop the trailer from further jackknifing
- C. Help regain control of the vehicle
- D. Continue to skid

27. If you cannot back your trailer in a straight path you should?

- A. Turn the steering wheel in the opposite direction the trailer is moving
- B. Back toward the driver's side
- C. Speed up and try to force it into position
- D. Back toward the passenger side

28. What does using the trailer hand valve while driving do?

- A. Increase the speed or acceleration of a trailer
- B. Improve the stability of the tractor and trailer
- C. It may cause a skid
- D. Help with braking or stopping a trailer faster

29. What does pushing in the trailer air supply control do?

- A. Supply the trailer with air
- B. Increase the air pressure in the trailers braking system
- C. Engage the trailers brakes
- D. Improve the handling of the vehicle

30. Why does the valve pop out if a vehicle is equipped with an automatic tractor protection valve?

- A. The valve is always popped out
- B. Air pressure has risen to a level between 100 to 150 psi
- C. Air pressure has dropped to a level somewhere between 20 and 45 psi
- D. The emergency brakes are engaged

31. What will an air supply control in its “emergency” position do?

- A. Blow through the emergency brakes
- B. Activate the trailer emergency brakes
- C. Stop all brakes from activating
- D. Stop the vehicle from even starting a trip

32. What is the service air line attached to?

- A. The emergency brakes
- B. The trailers air control system
- C. The electrical air line
- D. The relay valves

33. What does the emergency air line do?

- A. Control all brakes
- B. Connect the service and electrical air lines
- C. Supply air to the trailer air tanks
- D. Prevent the emergency brakes from being used

34. What are trailers built before 1975 not required to have?

- A. An electrical air line
- B. Spring brakes
- C. A service air line
- D. Emergency brakes

35. When inspecting a coupling go under the trailer to:

- A. Look for and damage to it
- B. Check that everything is properly connected
- C. Check the air control system
- D. Look into the back of the fifth wheel

36. When operating a vehicle built before 1998 if you are unsure if the trailer has an Anti-Lock Braking System (ABS), you can:

- A. Check for any wheel speed sensors coming from the back of the brakes
- B. Start driving to test it
- C. Check for a electrical line that should be coming from it
- D. Read through the trailers owners manual

37. What is one thing you need to do after finishing a pre-trip inspection?

- A. Make sure both shut-off valves are open
- B. Ensure all wheel chocks are in place
- C. Close the emergency line valve
- D. Check with another driver for an extra inspection

38. What is one thing you need to do after finishing a pre-trip inspection?

- A. Retest emergency brakes
- B. Open the emergency line valve
- C. Open all shut-off valves
- D. Close the service line valve

39. Which shut-off valve(s) should be open during a trip?

- A. All shut-off valves should be open except for the rear shut-off valves
- B. Only the rear valves
- C. The emergency line valve
- D. The service line valve

40. How should you check trailer service brakes?

- A. Look at the air lines for any abnormalities
- B. Slowly move the vehicle forward and apply brakes with the hand control
- C. Listen for any signs of leaking air in the lines
- D. Drive until the service brakes are needed then test them by applying them

41. What causes more than half of all accident related truck driver deaths?

- A. Other driver
- B. Off-tracking
- C. Brake malfunctions
- D. Truck rollovers

42. When traveling slower than 40 mph, how much of a following distance should you provide per every 10 feet of your vehicle?

- A. 10 seconds
- B. 5 seconds
- C. 1 second
- D. 1 minute

43. What can a driver do to avoid needing to make sudden lane changes?

- A. Stay in the same lane for as long as possible
- B. Watch the road ahead while driving
- C. Watch in your mirrors for other drivers that could be pulling into your lane
- D. All of the above

44. Why would a lightly-loaded combination vehicle stop slower than a fully loaded combination vehicle?

- A. Strong brakes and stiff suspension strings will have low traction
- B. The lighter vehicle would be faster, therefore taking longer to stop
- C. Strong brakes and stiff suspension strings will have more traction
- D. Vehicles made for lighter loads have weaker brakes

45. What is one thing you need to be aware of when driving a bobtail tractor?

- A. They are faster than a usual tractor
- B. They are more difficult to stop than tractors with semitrailers
- C. They are much easier to stop than tractors with semitrailers
- D. A bobtail tractor is harder to drive than a tractor with a trailer

46. Why when compared to other vehicles do combination vehicles need more space on the road, other than the fact they are longer?

- A. They are wider and taller
- B. Combination vehicles don't need any more space than they are long
- C. They need more space to turn and stop
- D. It takes more space for the driver to see their surroundings

47. While entering or crossing traffic in a combination vehicle, what is important for a driver to do?

- A. Nothing, drive as if you are in any other vehicle
- B. Watch for the first gap and go regardless
- C. Take a route that doesn't require as risky of a crossing
- D. Make sure that there is a large enough gap for their vehicle

48. When should an air supply control lever be in its "normal" position?

- A. When your vehicle is parked
- B. The air supply control lever should always be in its "normal" position
- C. When pulling a trailer
- D. Whenever your vehicle is in motion

49. The seals should be pressed together at what angle when the glad hands are coupled?

- A. 45 degrees
- B. 90 degrees
- C. 120 degrees
- D. 180 degrees

50. When positioning a double or triple combination what trailer should be behind the cab?

- A. The lightest trailer with the least amount of cargo
- B. Any trailer, it doesn't matter the positions
- C. The trailer that is the most evenly loaded no matter the weight
- D. The heaviest trailer should be positioned directly behind the cab

## **Air Brakes**

1. When should a low air pressure warning signal activate?

- A. When tank pressure falls below 20 psi
- B. When tank pressure falls below 60 psi
- C. If the the tank is not connected
- D. When the tank pressure is below 90 psi

2. Why do drivers regularly need to drain the air tanks?

- A. Compressed air contains water which builds up in the tanks
- B. Air that is in the tank for too long can get stale
- C. Air in a tank for longer than a day is no longer safe to use
- D. Compressed air leaves behind particles that build up in the tank



3. What color is the malfunction lamps that indicate an Anti-lock Braking System (ABS) is not working?

- A. Red
- B. Blue
- C. Green
- D. Yellow

4. What does a dual air brake system consist of?

- A. Two separate air brake systems with a single set of controls
- B. Three separate air brake systems with a single set of controls
- C. Two separate air brake systems each with their own controls
- D. Two pairs of air brake systems with a set of controls for each pair

5. What is a safety valve set to open at?

- A. 200 pounds per square inch (psi)
- B. 120 psi
- C. 150 psi
- D. 100 psi

6. How long should it take air pressure to build up in a single air system?

- A. Ten minutes
- B. Five minutes
- C. Under a minute
- D. Three minutes

7. Why do some air brake systems use alcohol?

- A. To keep the system from rusting
- B. To decrease the risk of ice forming in the air brake valves
- C. To help reduce the risk of the brakes overheating
- D. To increase the risk of ice forming in the air brake valves

8. What causes the spring brakes to come on?

- A. The trailer brakes have no traction
- B. The psi in the air brake system is too high
- C. Too much air pressure is lost
- D. The spring brakes are always on with the vehicle in motion

9. Where are the ABS malfunction lamps located on trucks and buses?

- A. On the instrument panel
- B. On the trailers
- C. With all the shut off valves
- D. On the dashboard of a vehicle

10. To drive a vehicle with a dual air brake system, you have to wait for the air compressor to build how much psi?

- A. 100 psi
- B. 200 psi
- C. 70 psi
- D. 130 psi

11. What does an anti-lock braking system not do?

- A. Prevent wheel lock-up
- B. Enhance steering and handling control
- C. Reduce stopping distance
- D. Reduce normal braking power

12. When using air tanks with manually operated drains, frequently should you drain the tanks?

- A. After every trip
- B. Everyday
- C. Once a week
- D. Never they do not need to be drained

13. When should the parking brake be used?

- A. Whenever a vehicle is parked on a hill
- B. Only when another vehicle is parked in front of you
- C. Whenever you park your vehicle
- D. Only when parking your vehicle overnight

14. What happens if the brake pads rub against the brake drums and create too much heat?

- A. Nothing brakes are built to withstand heat
- B. The brakes will burn and split
- C. The brakes will catch fire
- D. The brakes may stop working over time

15. When is a low air pressure warning signal required?

- A. On all vehicles
- B. On vehicles with air brakes
- C. When a vehicle is known for having low psi
- D. Only on vehicles with ABS

16. Where are foundation brakes used?

- A. At each wheel
- B. Only on the rear wheels
- C. On two wheels diagonal from each other
- D. At the front wheels

17. What does the air compressor governor control?

- A. How much air can go into the air storage tanks
- B. When air is let out of the storage tanks
- C. How much air the brake system uses
- D. When the air compressor pumps air into the storage tanks

18. What should you do when traveling down a steep downgrade?

- A. Just coast down the hill and use your breaks at the bottom
- B. Use the gas all the way down but try to keep it at a reasonable speed
- C. Shift into a lower gear and use your brakes to mimic the braking effect of the engine
- D. engine

19. How can you check to see if a trailer has ABS?

- A. Start driving to test it
- B. Look under the trailer wheels for sensors coming from the back of the brakes
- C. Check for a electrical line that should be coming from it
- D. Read through the trailers owners manual

20. Where are the malfunction lamps located on dollies with ABS?

- A. On the right side
- B. On the bottom
- C. On both sides
- D. On the left side

21. What tells the driver how much pressure is in the air tanks?

- A. The supply pressure gauge
- B. The air compressor
- C. The malfunction lamp
- D. How well the brakes are working

22. When inspecting your brakes, how far should a slack adjuster move from where it is attached to the push rod?

- A. Up to nine inches
- B. No more than three inches
- C. No more than one inch
- D. As far as it needs to be able to adjust the slack properly

23. Before driving a vehicle with air brakes, you should make sure the spring brakes come on automatically when what happens?

- A. Air pressure falls below 20 psi
- B. The emergency brake is activated
- C. Any brake is used
- D. Air pressure falls below 45 psi

24. During an applied leakage test, what is the maximum leakage rate for a double combination vehicle?

- A. 20 psi in a minute
- B. 4 psi in a minute
- C. 6 psi in a minute
- D. 1 psi in a minute

25. During an applied leakage test, what is the maximum leakage rate for a triple combination vehicle?

- A. 6 psi in a minute
- B. 20 psi in a minute
- C. 4 psi in a minute
- D. 2 psi in a minute

26. When does the front braking work?

- A. In wet conditions
- B. In dry conditions
- C. Under all conditions
- D. In icy conditions

27. When the brake pedal is pressed in a vehicle with S-cam brakes, what does the air pressure pushing out the rod move?

- A. The rod
- B. The slack adjuster
- C. Nothing
- D. The spring brakes

28. Friction is caused inside a brake drum when the brake shoes and linings:

- A. Are damaged
- B. Get pushed together
- C. Rub against the outside of the drum
- D. Push against the inside of the drum

29. Where are the braking mechanisms located?

- A. Inside a brake drum
- B. In the emergency brake valves
- C. Outside a brake drum
- D. On either side of the brake drums

30. When the brake pedal is pressed and the S-cam is turned, what does the S-cam do?

- A. Release the friction in the brake drum
- B. Engage the emergency brake
- C. Press the brake shoes against the inside of the brake drum
- D. Disengage the brakes that are being used

31. What do you need to do to be able to inspect the slack adjusters?

- A. Engage the park brake
- B. Test them while driving by using the brakes
- C. Chock the wheels and disengage the park brake.
- D. Have someone else look at them while you press the brake pedal on and off

32. What is the best way to test the low pressure warning signal?

- A. Drive until your air tanks should be low then hit the brakes
- B. Open all shut off valve then hit the brakes
- C. Drain all air tanks and watch for the signal
- D. Rapidly press and release the brake pedal

33. What does a driver need to do before starting down a hill?

- A. Ignore the brakes and coast down the hill without them
- B. Switch into a low gear
- C. Overload the trailer so it has more traction
- D. Wait for all other cars to make it to the bottom of the hill

34. During an applied leakage test, what is the maximum leakage rate for a single vehicle with air brakes?

- A. 10 psi in one minute
- B. 3 psi in one minute
- C. 6 psi in one minute
- D. 4 psi in one minute

35. During a static leakage test, what is the maximum leakage rate for a double combination vehicle?

- A. 4 psi in one minute
- B. 10 psi in one minute
- C. 3 psi in one minute
- D. 6 psi in one minute

36. During a static leakage test, what is the maximum leakage rate for a triple combination vehicle?

- A. 20 psi in a minute
- B. 3 psi in a minute
- C. 8 psi in a minute
- D. 5 psi in a minute

37. During a static leakage test, what is the maximum leakage rate for a single vehicle with air brakes?

- A. 6 psi in one minute
- B. 2 psi in one minute
- C. 10 psi in one minute
- D. 5 psi in one minute

38. While driving what are spring brakes generally held in place by?

- A. The tightness of the springs
- B. They are bolted in
- C. Air pressure
- D. The brake drums

39. What system does the emergency brake system use:

- A. Parts of both the service and parking brake systems
- B. The service brake system
- C. It doesn't use any other systems then its own
- D. The parking brake system

40. What can a modulating control valve control?

- A. The parking brake
- B. Both front and rear shut off valves
- C. The service brakes
- D. Spring brakes

41. During a walk-around inspection, check for cracks on the brake drums that are how big?

- A. One fourth the width of the friction area
- B. Any cracks no matter how big or small they are
- C. One half of the width of the friction area
- D. Twice the width of the friction area

42. How fast should the air pressure in a dual brake system build from 85 to 100 psi?

- A. 2 minutes
- B. 45 seconds
- C. 1 minute
- D. 20 seconds



43. In cold weather, how often should an alcohol evaporator be checked and filled?

- A. Every day
- B. Once a week
- C. Every time the truck is parked
- D. Once every two weeks

44. What does applying the brake pedal do when air pressure activates an electric switch?

- A. Activate the brakes
- B. Turn and the blinker
- C. Engage emergency brake
- D. Turn on the brake lights

45. What does a one way check valve do?

- A. Lets air out of the air compressor
- B. Prevents air from escaping if the air compressor has a leak
- C. Another way you can drain a trailers air tanks
- D. Valve that can be used to fill the air tank.

46. What level of air pressure does the air compressor governor stop the compressor from pumping air from the tanks.

- A. 150 psi
- B. 100 psi
- C. 125 psi
- D. 80 psi

47. When driving down hill a driver should break until they reach a speed that is how much slower than their safe speed?

- A. 10 miles slower
- B. 5 miles slower
- C. Not slower at all just the safe speed
- D. 3 miles slower

48. In an emergency, you should stop your vehicle in a way that:

- A. Stop immediately no matter the position it puts your vehicle in
- B. Keeps your vehicle in a diagonal line
- C. Keeps your vehicle in a straight line
- D. It is completely off the road

49. If braking at a speed of 55 mph while driving on dry pavement, how much can the brake lag add to your vehicle's total stopping distance?

- A. 32 feet
- B. 26 feet
- C. 50 feet
- D. 10 feet

50. How many feet would a vehicle traveling at a speed of 55 mph under ideal driving conditions approximately need to come to a complete stop?

- A. 300 feet
- B. 150 feet
- C. 242 feet
- D. 450 feet

## ANSWER KEY:

### General Knowledge

1. B
2. D
3. A
4. D
5. C
6. B
7. A
8. C
9. B
10. B
11. C
12. C
13. B
14. A
15. A
16. C
17. A
18. D
19. A
20. D
21. D
22. D
23. A
24. B
25. C
26. A
27. A
28. B
29. B
30. C
31. A
32. B
33. A
34. A
35. A
36. C

- 37. A
- 38. B
- 39. C
- 40. B
- 41. B
- 42. B
- 43. A
- 44. C
- 45. B
- 46. C
- 47. C
- 48. A
- 49. C
- 50. B
- 51. B
- 52. D
- 53. A
- 54. A
- 55. A
- 56. B
- 57. C
- 58. B
- 59. B
- 60. C
- 61. A
- 62. A
- 63. B
- 64. A
- 65. A
- 66. A
- 67. C
- 68. B
- 69. A
- 70. B
- 71. A
- 72. C
- 73. A
- 74. C
- 75. B
- 76. A

77. B  
78. C  
79. C  
80. A  
81. A  
82. C  
83. C  
84. B  
85. A  
86. A  
87. A  
88. A  
89. A  
90. B  
91. B  
92. A  
93. C  
94. B  
95. A  
96. B  
97. B  
98. A  
99. A  
100. B  
101. A  
102. B  
103. A  
104. C  
105. B  
106. A  
107. A  
108. A  
109. B  
110. A  
111. A  
112. A

### Combination Practice:

1. B
2. D
3. A
4. A
5. C
6. B
7. D
8. B
9. C
10. D
11. A
12. C
13. B
14. C
15. B
16. C
17. A
18. D
19. B
20. D
21. A
22. C
23. B
24. A
25. C
26. D
27. B
28. C
29. A
30. C
31. B
32. D
33. C
34. B
35. D
36. A
37. C
38. D

- 39. A
- 40. B
- 41. D
- 42. C
- 43. B
- 44. A
- 45. B
- 46. C
- 47. D
- 48. C
- 49. B
- 50. D

## Air Brakes:

1. B
2. A
3. D
4. A
5. C
6. D
7. B
8. C
9. A
10. A
11. D
12. B
13. C
14. D
15. B
16. A
17. D
18. C
19. B
20. D
21. A
22. C
23. D
24. B
25. A
26. C
27. B
28. D
29. A
30. C
31. C
32. D
33. B
34. B
35. C
36. D
37. B
38. C



- 39. A
- 40. D
- 41. C
- 42. B
- 43. A
- 44. D
- 45. B
- 46. C
- 47. B
- 48. C
- 49. A
- 50. D