

Obtaining your Commercial Learner's Permit with P and S Endorsements

To start the process of obtaining your CLP, you will submit a copy of your current driver's license to John Palmer (lpalmer@judsonisd.org) and Monica Franco (mfranco@judsonisd.org). We will then obtain an MVR to ensure that you are eligible to drive a school bus. Once you receive the response that you are clear to drive a school bus you will begin the study process to prepare to take the required written permit tests.

There are 5 written tests that must be taken and passed (minimum of 80% score) for you to receive your permit. Below are the titles of the tests, the sections in the DPS handbook to study, and the number of questions for each test

Test 1: Texas Commercial Rules, DPS handbook Section 14 and Prologue. 20 questions

Test 2: General Knowledge, DPS handbook Sections 1, 2, 12, 14. 50 questions

Test 3: Air Brakes, DPS handbook Section 5. 25 questions

Test 4: Passenger Bus, DPS handbook Section 4. 20 questions

Test 5: School Bus, DPS handbook Section 10. 20 questions

To obtain the CDL handbook you can visit the Judson Transportation Training office, or you may download from DPS at: <https://www.dps.texas.gov/internetforms/Forms/DL-7C.pdf>

On the following pages we have included some sample questions that can assist with your studies.

There are also CDL apps that you can download to your phone that can greatly help you prepare for the tests. One that we found very beneficial is: CDL Prep. It can be identified by the blue background with a steering wheel. 

When you are ready to take the exams, please contact Ian Avery (iavery@judsonisd.org) to schedule a time to come to the Judson Transportation department, 9242 Converse Business Lane, Converse TX. At the first meeting you will bring the following documents with you. (Note: If you are not a US citizen, please let Ian know as additional documents will be needed)

- Copy of Valid Texas Driver's license
- Copy of Social Security Card
- Certified birth certificate or valid US passport
- A \$25.00 money order made out to DPS (Note: Personal check or cash cannot be accepted)

At the initial meeting you will also complete the DPS applications (CDL-1, CDL-10) for your permit. You will not take your tests at the initial meeting, but Ian will schedule a time with you to take the tests. The tests will take place at Judson Transportation: 9242 Converse Business Lane, Converse TX.

Once you have passed all 5 tests Ian will provide you the steps with picking up your permit.

When you receive your actual permit email it to Andrew Lindsey and Monica Franco and we will send you a form to obtain a DOT physical and drug screening.

Now you are ready to start obtaining your actual Commercial Driver's License. See attached document, CDL Process Under New ELDT, for the process (you are already at step 4.)



CDI
Process(ELDT).pdf

PERMIT TEST

1. The color of clearance lamps on the front of a vehicle must be
 - a) Red
 - b) Amber**
 - c) Green
 - d) White

2. When backing a large truck, you should
 - a) Depend only on your rearview mirror
 - b) Sound horn to clear way and back very slowly
 - c) Have someone guide you**
 - d) Look straight ahead so you can back straight

3. Every trailer must have how many reflectors on the rear?
 - a) 2**
 - b) None
 - c) 1
 - d) 3

4. When turning right with a long vehicle or combination truck-trailer, if it is impossible to stay in the proper lane, you should
 - a) Approach the corner 12 feet from the curb or right edge of roadway, then turn into the right- hand lane
 - b) Approach the corner about 4 feet from the curb or right edge of the roadway, then if necessary complete turn in center of street entered**
 - c) Permit rear wheels to run over curb if no obstruction is there
 - d) Approach the corner in center of street then turn into right hand lane

5. Turn signal indicators are required on all motor vehicles manufactured after the model year
 - a)1971
 - b)1948
 - c)1969
 - d)1959**

6. No combination of vehicles other than a truck tractor-trailer combination may exceed
- a) **65 feet**
 - b) 40 feet
 - c) 25 feet
 - d) 50 feet
7. The load on a truck may not extend over the rear of vehicle more than
- a) 65 feet
 - b) **40 feet**
 - c) 25 feet
 - d) 50 feet
8. All buses, taxi's, and other vehicles hauling passengers for hire or lease must carry a chemical type fire extinguisher of at least
- a) One pint capacity
 - b) Two quart capacity
 - c) **One quart capacity**
 - d) One gallon capacity
9. The greatest height ordinarily allowed by state law for a vehicle including its load is
- a) 12 feet
 - b) 12 feet 6 inches
 - c) 13 feet 6 inches
 - d) **14 feet**
10. When one truck is following another truck or vehicle, it may keep far enough back to allow how many vehicles to enter safely between them?
- a) 2 vehicles
 - b) 3 vehicles
 - c) 4 vehicles
 - d) **1 vehicle**
11. The greatest weight allowed by state law for any vehicle including the load is
- a) 36,420 lbs
 - b) 48,000 lbs
 - c) **80,000 lbs**
 - d) 60,000 lbs

12. A slow moving vehicle emblem must be displayed only by
- a) all commercial vehicles
 - b) delivery trucks which occasionally drive under 25mph
 - c) all road machinery driving under 25 mph
 - d) **Vehicles designed to be operated at speeds of 25mph or less**
13. Which of the following vehicles are not required to have mud flaps?
- a) Semi-trailers
 - b) vehicles operated interstate
 - c) **Pole trailers**
 - d) Vehicles hauling livestock
14. The height from the ground for mounted reflectors must be at least?
- a) **24"**
 - b) 30"
 - c) 18"
 - d) 12"
15. The greatest width ordinarily allowed by State law for a truck including its load is
- a) 108 inches (9 feet)
 - b) 90 inches (7.5 feet)
 - c) **102 inches (8.5 feet)**
 - d) 84 inches (7 feet)
16. Registration papers are required to be in the possession of the driver or on the vehicle when operating
- a) A taxicab
 - b) A motorcycle
 - c) **All Trucks**
 - d) Any ambulance
17. No passenger vehicle may be coupled with more than
- a) **One trailer**
 - b) Two trailers
 - c) Three trailers
 - d) Four trailers

18. When mud flaps are required on trucks or trailers, they must reach how close to the surface of the highway?

- a) **8"**
- b) 12"
- c) 16"
- d) 18"

19. Every bus or truck manufactured after model year 1959 must be equipped on the rear with

- a) **two stop lights**
- b) one stop light
- c) one red reflector
- d) two yellow reflectors

20. Which of the following vehicles must have mud flaps when operated on public roads?

- a) All vehicles with registered gross weight of 30,500 pounds
- b) All truck trailer combinations
- c) **All vehicles with four or more tires on the rear axle except single truck tractors and pole vehicles**
- d) All commercial vehicles

21. When a truck breaks down on a highway in the daytime the driver should set out

- a) Two yellow flags
- b) Three flares
- c) **Two approved red flags**
- d) Three red reflectors

22. Which of the following vehicles are required by state law to stop at railroad grade crossings outside city limits where no traffic control device is in operation?

- a) **Buses carrying passengers for hire**
- b) Trucks hauling livestock for hire
- c) Truck trailer combinations
- d) Taxicabs

23. The length requirements of state law for vehicles or combinations of vehicles, including extensions over front and rear, do NOT apply

- a) **Within city limits**

- b) on farm-to-market highways
- c) On state highways
- d) on U.S. highways

24. When one vehicle is towing another, the distance between the two must not be greater than

- a. 10 feet
- b. 15 feet**
- c. 20 feet
- d. 45 feet

25. The greatest length allowed by state law for a single motor vehicle other than a truck tractor is

- a) 40 feet
- b) 30 feet
- c) 50 feet
- d) 45 feet**

26. Every farm tractor manufactured after January 1, 1972 complies with State lighting laws by

- a) **having two head lamps**
- b) Traveling on the shoulder of the road
- c) Stopping upon approach of another vehicle
- d) Having one white lantern that shows to both the front and the rear

27. To find out the details about registration your particular vehicle you should consult

- a) city police
- b) tax collector and assessor**
- c) railroad commission
- d) sheriff's office

28. One purpose of requiring registration papers on trucks at all times is to show

- a) Weight of the truck empty and how much it is registered to haul**
- b) Ownership of the truck
- c) Weight of truck when loaded
- d) Counties in which the truck may be operated

29. Clearance lights are required by State law for trucks or buses if the width is

- a) 75 inches or more
- b) 70 inches or more
- c) **80 inches or more**
- d) 65 inches or more

30. When a load extends more than four feet over the rear of a vehicle, what color flag must be attached to the extreme end of the extension when driving in the daytime?

- a) green
- b) white
- c) **red**
- d) blue

31. Which of the following vehicles is required by State Law to carry a chemical type fire extinguisher?

- a) ordinary passenger car
- b) truck hauling household goods
- c) cattle truck
- d) **taxicab**

32. It is unlawful to operate any motor vehicle on a highway with

- a) tire chains on the wheels
- b) **Flanges or lugs on the wheels**
- c) more than 10 tires on the ground
- d) more than two mud-grip tires

33. To operate on the highway a motor vehicle or trailer having metal tires and weighing 5000 pounds or more you must.

- a) drive in the daytime only
- b) **get a special permit from the *Department of Transportation***
- c) Get a Highway Patrol escort
- d) drive less than 20 mph

34. Clearance lamps mounted on the rear or on the side near the rear of a vehicle must be what color?

- a) amber
- b) white
- c) green
- d) Red**

35. When towing another vehicle with a chain or cable, what color flag must be attached to the chain or cable?

- a) red
- b) white**
- c) blue
- d) yellow

36. When going downhill with a commercial vehicle, it is unlawful to

- a) shift to a lower gear
- b) remain in the same gear
- c) travel more than 25 mph
- d) Coast**

37. The first thing the driver of a disabled truck or bus should do is

- a) try to get the vehicle started
- b) set out flares, reflectors or flags**
- c) flag down a vehicle to tow you in
- d) go for help

38. To haul a load or move equipment that is wider, heavier, or longer than the law permits, you must

- a) drive at night on little traveled roads
- b) obtain a permit from the *Department of Transportation***
- c) obtain a permit from the local police department
- d) request a highway patrol escort

39. Before going down a steep grade with a commercial vehicle you should

- a) remain in the same gear
- b) never travel more than 5mph
- c) shift to a higher gear
- d) Shift to a lower gear**

40. To prevent damage to the highway, it is unlawful to operate any motor vehicle with

- a) tire chains on the wheels
- b) studs or spikes in the wheels**
- c) more than 10 tires on the ground
- d) more than two mud grip tires

GENERAL KNOWLEDGE

1. Merging onto a road is safest if you?
 - a. Inch over onto the nearest lane so that other vehicles will give you room
 - b. Gain speed on the shoulder and then merge into your lane
 - c. Wait for a larger enough gap in traffic to enter the road**
2. What three things add up to total stopping distance for your truck or bus?
 - a. Attention distance, reaction distance, slowing distance
 - b. Observation distance, response distance, braking distance
 - c. Perception distance, reaction distance, effective braking distance**
3. You are checking your steering and exhaust systems during a pre-trip inspection. Which of these problems if found should be fixed before the vehicle is driven?
 - a. Oil on the tie rod
 - b. Black smoke from the exhaust pipe
 - c. Steering wheel play of more than 10 degrees (2 inches on a 20 inch wheel)**
4. How does vehicle weight effect affect stopping?
 - a. Empty trucks take longer to stop than loaded ones, but this is not always the case for buses**
 - b. It doesn't. Brakes work the same no matter the weight of the vehicle for trucks or buses
 - c. Loaded trucks take longer to stop, buses loaded with passengers stop in less distance
5. When the roads are slippery you should?
 - a. Make turns as gently as possible**
 - b. Stop and test the traction while going up hill
 - c. Decrease the distance that you look ahead of the vehicle
6. Which of these is NOT a good rule when caring for injuries at an accident scene?
 - a. If a qualified person is helping them, stay out of the way unless asked to assist
 - b. Move severely injured persons if there is a danger due to fire or passing traffic

c. Keep injured person cool

7. 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?
 - a. Begin light braking
 - b. Stay off the brakes until the vehicle has slowed down**
 - c. Begin emergency braking

8. After starting the engine
 - a. The oil pressure gauge should take 3-5 minutes to rise to normal
 - b. The coolant temperature gauge should begin a gradual rise to normal**
 - c. The engine temperature gauge will take 3-5 minutes to rise to normal

9. You are driving a heavy vehicle with a manual transmission. You have to stop the vehicle on the shoulder while driving on an uphill grade. Which of these is a good rule to follow when putting the vehicle back in motion up the grade?
 - a. Keep the clutch slipping while slowly accelerating
 - b. Use the parking brake to hold the vehicle until the clutch engages**
 - 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

10. Which of these statements is true about speed management
 - a. Shady parts of the road allow better traction than do open areas
 - b. Road surfaces will freeze before the bridges
 - c. When the road is slippery it will take longer to stop and it will be harder to turn without skidding**

11. Where must you keep shipping papers when transporting hazardous materials?
 - a. Under the driver's seat
 - b. In the pouch on the driver's door or in the seat**
 - c. In a locked glove compartment

12. You should use your mirrors to check?
 - a. Blind spots
 - b. If your running lights are working
 - c. Where the rear of your vehicle is when you're making turns**

13. Extra care is needed to keep your vehicle centered in your lane because commercial vehicles
- a. **Are often wider than other vehicles**
 - b. Tend to sway from side to side
 - c. Require a lot of room to change lanes
14. If your windshield was covered in ice, which of these probably would not work?
- a. Scraper
 - b. **Brush**
 - c. Defroster
15. Which of these statements about causes of vehicle fires are true?
- a. Under inflated tires will NOT cause a vehicle fire
 - b. Carrying a properly charged fire extinguisher will help prevent fires
 - c. **Poor trailer ventilation can cause cargo to catch fire**
16. The purpose of retarders is to
- a. **Help slow the vehicle while driving to reduce brake wear**
 - b. Apply extra braking power to the non-drive axles
 - c. Help prevent skids
17. Which of these is usually true about driving in hot weather?
- a. **You should check tire mounting and pressure before driving**
 - b. If a tire is too hot to touch you should hose it down with water
 - c. A small amount of air should be let out so air pressure remains steady
18. Which of these is usually true about driving in tunnels?
- a. Headlights are required by law
 - b. **There may be crosswinds when exiting**
 - c. Speeds are limited to 30 MPH or less
19. When driving through work zones you should?
- a. Reduce speed only if workers are close to the roadway
 - b. Turn on your parking lights
 - c. **Watch for sharp pavement drop offs**
20. When passing another vehicle, pedestrian or bicyclist you should assume that
- a. They know you want to pass
 - b. They see your vehicle because it is so large
 - c. **They may move into your lane of traffic**

21. If you are not sure what to use to put out a hazardous material fire you should
- Use water
 - Use dirt
 - Wait for qualified fire fighters**
22. What should you do when your vehicle hydroplanes?
- Start *stab* braking immediately
 - Release the accelerator**
 - Accelerate slightly and steer toward the slide
23. Which of these is true regarding the use of drugs while driving?
- Prescription drugs are allowed if the drugs will not affect safe driving ability**
 - No prescription or non-prescription drugs are allowed at any time for any reason
 - The use of amphetamines like “speed” are allowed if you are using them to stay awake
24. Which of these statements about brakes are true?
- Brake fade is NOT caused by heat
 - Brake drums cool quickly when the vehicle is moving very fast
 - The heavier a vehicle or the faster it is moving, the more heat the brakes have to absorb to stop**
25. You are driving a new truck with a manual transmission. What gear will you probably have to use to take a long steep down grade hill?
- The same gear you would use to climb the hill
 - A lower gear than you would use to climb the hill**
 - A higher gear than you would use to climb the hill
26. Which of these statements about certain types of cargo is true?
- Unstable loads such as hanging meat or livestock require extra caution in curves**
 - Oversized loads can be hauled without special permits when roads are not busy
 - When liquids are hauled the tank should always be completely full
27. Which of these statements about marking a stopped vehicle is true?
- You must put out your emergency warning devices within 5 minutes
 - The vehicles tail lights should be kept on to warn other drivers
 - If a hill or curve keeps drivers behind you from seeing the vehicle within 500 feet the reflective triangle should be moved back to give adequate warning**

28. Which of these is true about rear wheel braking skid?
- a. Locked wheels usually have more traction than rolling wheels
 - b. Front wheels slide sideways to try to catch up with rear wheels
 - c. **On vehicles with trailers the trailer can push the towing vehicle sideways**
29. Which of these statements about double clutching and shifting is true?
- a. Double clutching should not be used when the road is slippery
 - b. Double clutching should only be used with a heavy load
 - c. **You can use the tachometer to tell you when to shift**
30. Which of these is true about your overhead clearance?
- a. Paving a road does not affect the clearance height under bridges or overpasses
 - b. **The weight of the cargo can change the height of the vehicle**
 - c. Warnings are always posted for low clearance areas like bridges or overpasses
31. How far should a driver look ahead of the vehicle while driving?
- a. 5-8 seconds or 1/8 of a mile
 - b. **12-15 seconds or ¼ of a mile**
 - c. 18-21 seconds or ½ of a mile
32. If you need to leave the road due to a traffic emergency you should
- a. Try to get all the wheels off the pavement
 - b. **Avoid braking until your speed has dropped to about 20 MPH**
 - c. Avoid the shoulder because most shoulders will not support a large vehicle
33. Which of these statements about backing a heavy vehicle is NOT true?
- a. You should back and turn toward the drivers side whenever possible
 - b. You should use a helper and communicate with hand signals
 - c. **Because you cant see behind you, you should back slowly until you bump onto the dock**
34. Which of these lights cannot be checked at the same time?
- a. Headlights, brake lights and clearance lights
 - b. Turn signals, tail lights and clearance lights
 - c. **Turn signals, brake lights and four way flashers**
35. Which of these is correct about emergency or evasive actions?
- a. Stopping is always the safest thing to do in an emergency
 - b. In order to turn quickly you must have a firm grip on the steering wheel
 - c. **You can usually stop more quickly than you can turn to miss an obstacle**

36. You are driving a vehicle that can safely be driven at 55 MPH on an open road, but traffic is now heavy moving at 35 MPH through the speed limit is 55 MPH. The safest speed for your vehicle is most likely
- a. 25 MPH
 - b. 35 MPH**
 - c. 45 MPH
37. According to the CDL drivers manual, why should you limit the use of your horn?
- a. It can startle other drivers**
 - b. On vehicles with air brakes, it can use air pressure that may be needed to stop
 - c. You should be tightly gripping the steering wheel at all times
38. Which of these statements are true about bad weather and driving conditions?
- a. The road is more slippery as rain continues than when it begins
 - b. When the temperature drops bridges will freeze before the road does**
 - c. Driving conditions become more dangerous as the temperature rises above freezing
39. To determine blood alcohol concentration (BAC) for a person, it is necessary to know
- a. How often the person drinks alcohol (tolerance)
 - b. The age of the person drinking
 - c. The weight of the person**
40. What does emergency braking mean?
- a. Using the vehicle emergency brake
 - b. Responding to a hazard by slowing the vehicle**
 - c. Pushing down the brake pedal as hard as you can
41. Which of these happens when a tire blows out at highway speed?
- a. A hissing sound
 - b. A vibrating feeling**
 - c. A rapid drop in speed to less than 20 MPH
42. You are driving a 40 ft vehicle at 35 MPH. Visibility is good and the road is dry. What is the least amount of space that you should keep in front of your vehicle to be safe?
- a. 3 sec
 - b. 4 sec**
 - c. 5 sec
 - d.

43. Truck escape ramps?
- a. **Help avoid damage to vehicles**
 - b. Cannot be used by certain types of heavy vehicles
 - c. Are NOT for buses
44. When hydraulic brakes fail while driving, the system will not build up pressure and the brake pedal will feel spongy or go to the floor. What action should you take?
- a. Push down on the brake pedal as hard as you can
 - b. **Pump the brake pedal to generate pressure**
 - c. Put the vehicle in neutral and set the parking brake
45. Which of the following items are not checked in a pre-trip inspection?
- a. Cargo security
 - b. **Amount of fuel in the vehicle**
 - c. Weather all vehicle lights are working, clean and the proper color
46. Which of these systems should receive extra attention during a winter weather inspection?
- a. **Exhaust**
 - b. Steering
 - c. Suspension
47. The total weight of a powered unit, the trailer and the cargo is called?
- a. Gross vehicle weight
 - b. **Gross combination weight**
 - c. Gross axle weight
48. Which statement is true?
- a. Most people are more alert at night than during the day
 - b. Most hazards are easier to see at night than during the day
 - c. **Most heavy vehicles accidents occur between midnight and 6am**
49. Controlled braking
- a. Involves locking the wheels for a short period of time
 - b. **Is used to keep a vehicle in a straight line when braking**
 - c. Should only be used with hydraulic brakes
50. When a coolant container is part of a pressurized system, which of these is true?

- a. The radiator cap can be safely removed and coolant added while the engine is hot
- b. You never need to check the anti-freeze in such a system
- c. **You can check the coolant level of a hot engine**

51. Which of these is a good thing to do when driving at night?

- a. **Keep your speed slow enough that you can stop within the distance of your headlights**
- b. Look directly at oncoming headlights but only briefly
- c. Keep your dash instrument lights bright

52. You should avoid driving through deep puddles of flowing water, but if you must, which of these steps can help keep your brakes working?

- a. Apply hard pressure on the brake pedal and accelerator after coming out of the water
- b. **Gently put on the brakes while driving through the water**
- c. Turn on your brake heaters

53. Stab braking should not be used on vehicles with

- a. Trailers
- b. Hazardous materials
- c. **Anti-lock brakes**

54. Implied consent means

- a. It is understood that you may drink when you are not driving
- b. You have given your consent to inspection of your vehicle for alcohol
- c. **You have given your consent to be tested for alcohol in your blood**

55. Which of these should be tested while the vehicle is stopped?

- a. Service brakes
- b. Parking brakes
- c. **Hydraulic brakes**

56. If you have to make a vehicle inspection report you must sign it

- a. **When any defects are noted whether they are certified to be repaired or not**
- b. Only when defects are noted that they are certified to be repaired
- c. Only when defects are noted that they are certified to NOT need repair.

57. Which of the following is NOT a characteristic of front tire failure?
- a. Steering wheel twisting
 - b. Vehicle fishtail**
 - c. Difficulty in steering
58. What is the proper way to hold a steering wheel?
- a. With both hands close together near the top of the wheel
 - b. With both hands close together near the bottom of the wheel
 - c. With both hands, on opposite sides of the wheel**
59. What is counter steering?
- a. Turning the steering wheel counterclockwise
 - b. Using the steering axle brakes to prevent over steering
 - c. Turning the wheel back in the other direction after steering to avoid traffic emergency**
60. The distance that you should look ahead of your vehicle while driving amounts to about _____ Mile at highway speeds.
- a. 1/8
 - b. 1/4**
 - c. 1/2
61. While will your vehicles speed naturally increase on downgrades?
- a. The engine runs smoother
 - b. Lack of traction
 - c. Gravity**
62. Which of these pieces of emergency equipment must always be carried in your vehicle?
- a. Circuit brakes
 - b. First aid kit
 - c. Warning devices for parked vehicles**
63. During a vehicle inspection check, the _____ will NOT prevent a fire?
- a. Cargo ventilation
 - b. Battery fluid level**
 - c. Electrical system insulation

64. You should signal continuously while turning because?
- a. **You need both hands on the wheel to turn safely**
 - b. It is illegal to turn off your signal before completing turn
 - c. Most vehicles have self-canceling signals
65. Why is a broken exhaust system dangerous?
- a. **Poisonous fumes could enter the cab or sleeper berth**
 - b. You could pollute the air with exhaust smoke
 - c. Loud noise could damage the driver's ears
66. You can see a marking on a vehicle ahead of you. The marking is a red triangle with an orange center. What does the marking mean?
- a. Student driver
 - b. Hazardous material
 - c. **It may be a slow moving vehicle**
67. Most serious skids result from?
- a. Turning sharply
 - b. Decelerating to fast
 - c. **Driving too fast for conditions**
68. When you are parked on the side of the road at night you must?
- a. Put out your emergency warning devices within 30 minutes
 - b. **Turn on your 4-way flashers to warn others**
 - c. Use your taillights to give warning to other motorists
69. You do NOT have a hazardous materials endorsement on your CDL license. You can drive a vehicle hauling hazardous material when?
- a. The GVWR is 26,001 lbs or less
 - b. **The vehicle does not require placards**
 - c. A person who has a hazardous materials license rides with you
70. To avoid a crash you had to drive on the right shoulder. You are now driving at 40 MPH on the shoulder. How should you move back onto the pavement?
- a. If the shoulder is clear stay on it until your vehicle has come to a stop, then move back onto the pavement when it is safe

- b. Brake hard to slow the vehicle then steer sharply onto the pavement
- c. Keep moving at the present speed and steer very gently back onto the pavement**

71. Containerized loads

- a. Should come with their own tie down device or locks
- b. Are generally used when freight is carried part way by rail, ship or air**
- c. Do not require inspection or special securing by the driver

72. In your mirror you can see a car approaching from the rear. The next time you check your mirror you do not see the car. You wish to change lanes. You should?

- a. Wait to change lanes until you are sure the car is not in your blind spot**
- b. Ease into the lane very slowly so the car is not in your blind spot
- c. Assume the car left the road and change lanes as normal

73. Whenever you double your speed your vehicle has about _____ times more destructive power.

- a. 2
- b. 3
- c. 4**

74. 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**
- b. Take your foot off the accelerator and gently apply the brakes
- c. Try a lower gear

75. Placards must be

- a. Displayed on all vehicles hauling any amount of hazardous material
- b. Placed only on the front and rear of the vehicle
- c. Placed on all four sides of the vehicle**

76. A car cuts in front of you creating a hazard. What should you NOT do?

- a. Honk and stay close behind the car**
- b. Slow down to prevent a crash
- c. Signal and change lanes to avoid the car

77. What should you do if you are unsure whether you have enough overhead clearance?

- a. Slow down slightly and try to drive under the object
- b. Find another route that will not require driving under the object**
- c. Estimate the height of the overhead object if it is posted

78. You are driving a heavy vehicle. You must exit a highway using an off ramp that curves downhill. You should?
- a. **Slow down to a safe speed before the curve**
 - b. Slow down to the posted speed limit for the off ramp
 - c. Wait until you are in the curve before down shifting
79. You are driving a vehicle at 55 MPH on dry pavement. Approximately how much total stopping distance will you need to bring the vehicle to a stop?
- a. Half the length of a football field
 - b. Twice the length of a football field
 - c. **The length of a football field**
80. Which of these is NOT part of the pre-trip inspection of the engine compartment
- a. Engine oil level
 - b. **Valve clearance**
 - c. Worn electrical wiring
81. Truck escape ramps
- a. **Help avoid damage to vehicles**
 - b. Cannot be used by certain types of vehicles
 - c. Are not for buses
82. On which fires can you use water on?
- a. Electrical
 - b. Gas
 - c. **Tires**
83. What is the term for a commercial vehicle habit of swinging wide on turns?
- a. **Off tracking**
 - b. Wide rounding
 - c. Side winding
84. Backing a commercial vehicle is
- a. **Always dangerous**
 - b. Not dangerous if you have a helper
 - c. Not dangerous if you do not have to turn

85. Convex (curved or spot) mirrors
- a. Make objects appear larger than they really are
 - b. Make objects appear closer than they really are
 - c. **Show a wider area than flat mirrors show**
86. Your brakes can get wet when you drive thru heavy rain. What can cause this when brakes are applied?
- a. Hydroplaning
 - b. Excessive brake wear
 - c. **Trailer jack knife**
87. If you are being tailgated, you should?
- a. Flash your brake lights
 - b. **Increase your following distance**
 - c. Signal the tail-gater when it is safe to pass
88. When driving in cold weather your tire tread should
- a. Be checked every 2 hours or every 100 miles
 - b. Be double the depth required in normal weather
 - c. **Provide enough traction to be able to steer and push the vehicle through snow**
89. Which of these statements about staying alert to drive is true?
- a. A half hour break for coffee will do more to keep you alert than a half hour nap
 - b. If you must stop to take a nap, it should be at a truck stop or other rest area. Never on the side of the road
 - c. **Sleep is the only thing that can overcome fatigue**
90. You are checking your brakes and suspension system for a pre-trip inspection. Which of these statements is true?
- a. Just one missing leaf spring is not dangerous
 - b. Spring hangers that are cracked but still tight, are not dangerous
 - c. **Brake shoes should not have oil, grease, or brake fluid on them**
91. For a first offense of driving a commercial vehicle under the influence of alcohol or drugs, you will lose your CDL license for at least _____.
- a. 6 months
 - b. **One year**
 - c. Two years

92. When is a “full stop” at a railroad crossing required?
- a. The crossing is located in a city or town with frequent train traffic
 - b. There are no flagmen, warning signals or gates at the crossing
 - c. **The nature of the cargo makes a stop mandatory under state or federal regulations**
93. If you have a road emergency and must park on the shoulder, how soon should you put out your triangles?
- a. **10 min**
 - b. 20 min
 - c. 30 min
94. You are driving on a two-lane road and an oncoming driver drifts into your lane. Which of the following is the best actions to take?
- a. Brake hard
 - b. **Steer to the right**
 - c. Steer to the left
95. How often should you check your mirrors for a lane change?
- a. After you have signaled and after you complete the change
 - b. You should not have to check your mirrors more than twice
 - c. **Before you change lanes, after you have signaled, after you start the lane change, and after you complete the lane change.**
96. What does communicating mean in safe driving?
- a. Talking on your two way radio
 - b. Calling home to talk to your relatives
 - c. **Tapping your horn when passing. Flashing your lights. Signaling or using triangles.**
97. Freeway exits can be dangerous for heavy vehicles. At what speed should you enter the exit?
- a. At the posted speed
 - b. Whatever speed that feels comfortable
 - c. **At least 5 miles below the posted speed limit**
98. When driving in heavy traffic you should travel
- a. In the right lane to avoid a car from passing
 - b. 5 MPH less than traffic is flowing
 - c. **At a speed consistent with the flow of other traffic**

99. The best drivers are those who watch for and prepare for hazards. This is called being
- a. Offensive
 - b. Defensive**
 - c. Objective
100. If you are not sure what extinguisher to use on a hazardous material fire you should?
- a. Use water to extinguish the fire
 - b. Smother it by throwing dirt on it
 - c. Wait for qualified fire fighters**

AIR BRAKES TEST

1. You should know when your brakes are fading when...
 - a) **You have to push harder on the brake pedal to control your downhill speed**
 - b) The brake pedal feels spongy when you apply pressure
 - c) Pressure on the brake pedal is released and speed increases

2. If the spring brakes are on when should you push the brake pedal?
 - a) Only when driving downhill
 - b) Only on a slippery road
 - c) **Never**

3. Repeatedly pressing and releasing (fanning) the brake pedal may result in?
 - a) **Loss of air pressure**
 - b) A build up of air pressure
 - c) No change in brake air pressure

4. The driver must be able to see a low air pressure warning which comes on before pressure in the service air tank falls below _____ PSI?
 - a) 40
 - b) **60**
 - c) 80

5. If your truck or bus has dual parking control valves you can pressure from a separate tank
 - a) To balance the service brake system when you are parked
 - b) To stay parked twice as long without using up service air pressure
 - c) **To release the emergency/spring/parking brakes to move a short distance**

6. The brake pedal in an air brake system
 - a) Controls the speed of the air compressor
 - b) **Controls the air pressure applied to put on the brakes**
 - c) Is connected to slack adjusters by a series of rods and linkages

7. To check the free play of manual slack adjusters of S-Cam brakes, you should
 - a) Park on level ground and apply the parking brakes
 - b) Park on a slight grade, release the parking brakes
 - c) **Park on level ground, chock the wheels, release the parking brakes and pull on the slack adjusters**

8. Parking or emergency brakes on trucks or buses can be legally held on by _____ Pressure
- a) **Spring**
 - b) Fluid
 - c) Air
9. Emergency stab braking is when you
- a) Press hard on the brake pedal and apply full pressure on the hand valve until you stop
 - b) Use light steady pressure on the brake pedal
 - c) **Brake as hard as you can, then release the brakes when the wheels lock up and put on the brakes again when the wheels start rolling**
10. The most common type of foundation brake found on heavy vehicles is the
- a) Wedge drum
 - b) Disk brake
 - c) **S-Cam**
11. If your truck has a dual air brake system and one of the systems is low on pressure,
- a) The manual slack adjusters on S-Cam brakes are not set properly
 - b) The brake drums will not be fully operational
 - c) **Either the front or rear brakes will not be fully functional**
12. The most important thing to do when a low-pressure warning light comes on is to...
- a) Up shift
 - b) Down shift
 - c) **Stop and safely park as soon as possible**
13. With air brake equipped vehicles, the parking brake should be used
- a) As little as possible
 - b) **Any time the vehicle is parked**
 - c) To hold your speed when going downhill
14. The air compressor governor controls
- a) **When air is pumped into the tanks**
 - b) The speed of the air compressor
 - c) Air pressure applied to the brakes

15. The stop light switch
- a) **Turns on the brake light to warn other drivers behind you**
 - b) Tells you when you need to use your emergency brakes
 - c) Tells you when the air brake system is low on air pressure
16. For air brake systems in good condition, the air compressor should start pumping at about ____PSI
- a) **100**
 - b) 125
 - c) 150
17. The air loss rate for a straight truck or bus with the engine off and the parking brakes off and the service brakes on should not be more than
- a) 1 psi in one minute
 - b) 2 psi in 45 seconds
 - c) **3 PSI in one minute**
18. The braking power of the spring brakes
- a) **Depends on the service brakes being in adjustment**
 - b) Is not affected by the condition of the service brakes
 - c) Can only be tested by highly trained service personnel
19. How should you check *spring brakes* application when air pressure drops below a certain level
- a) Park on a slight incline drain off air pressure, set parking brakes and check for movement
 - b) **Park on level ground, chock wheels, release parking brake. When you have enough pressure shut the engine off and repeatedly press and release the pedal.**
 - c) Park on level ground, wait for normal air pressure, release the parking brake, move the truck forward slowly and apply the brakes firmly using the brake pedal.
20. If you are driving down a steep grade and have reached a safe speed of 40 mph, you would apply the service brakes until your speed drops to _____ MPH
- a) 25
 - b) 30
 - c) **35**
21. Air brake lag distance at 55 mph add about _____ feet to your stopping distance
- a) 12
 - b) **32**
 - c) 52

22. How should you check that your service brakes are working properly?
- a) Park on a slight grade, drain off air pressure. Set parking brake, check movement
 - b) Park on level ground, chock wheels, engage parking brake when you have the correct amount of air pressure shut off the engine
 - c) **Park on level ground, wait for normal air pressure, release the parking brake..move forward slowly and apply the brakes firmly using the brake pedal**
23. Emergency controlled braking is when you
- a) **Apply the brakes as hard as you can without locking up the brakes**
 - b) Brake as hard as you can. Release the brakes when the wheels lock up and put the brakes back on again when the wheels start rolling
 - c) Apply the hand valve for one second then push hard on the brake pedal
24. Which of these is not a proper time to apply the parking brake?
- a) **If the brakes are very hot (eg. Just after coming down a steep grade)**
 - b) If you will be stopping for only one hour
 - c) if your going to test the parking brake to make sure that it holds the vehicle
25. ALL air brake equipped vehicles have
- a) **A supply air pressure gauge**
 - b) An air use gauge
 - c) A backup hydraulic system
26. If air pressure does not build up to normal within the correct amount of time
- a) You should be ready to use your parking brake to help stop
 - b) The alcohol evaporator container may be low
 - c) **Your air pressure may drop too low during driving , requiring an emergency stop**
27. Excessive use of the service brakes results in over heating which could lead to
- a) improper adjustment of the S-Cam
 - b) increased contact between
 - c) **expansion of the brake drums**
28. The proper method of braking when going down long and steep grades after selecting the proper gear is to brake until your speed is about _____ MPH below your "safe" speed, then release your brakes
- a) **5**
 - b) 10
 - c) 15

29. Under normal conditions in order to engage the parking brakes the driver must first
- a) Turn off the engine
 - b) Let the air out of the air brake system**
 - c) Be sure that the air brake system is fully pressurized
30. Total stopping distance for air brakes is longer than for hydraulic brakes due to
- a) Brake lag**
 - b) Reaction
 - c) Effective braking
31. If you must make an emergency stop you should brake so you
- a) Can use the hand brake before the brake pedal
 - b) Can steer and your vehicle stays in a straight line**
 - c) Can use the full power of the brakes to lock them up
32. The parking or emergency brakes on a heavy vehicle can only be held in position by something that cannot leak away like
- a) Spring pressure**
 - b) Air pressure
 - c) Hydraulic pressure
33. Some air brake systems have an alcohol evaporator . What may happen if you don't keep the unit filled?
- a) The S-Cam may not rotate back when you release the brake pedal
 - b) Ice may form in the air storage tanks or air lines and cause brakes to fail**
 - c) Ice may form on the brake drums, and warp them
34. The brake system that applies and releases the brakes when the driver uses the brake pedal is the _____ brake system
- a) Emergency
 - b) Service**
 - c) Parking
35. Before driving a truck or bus with dual air brake system the pressure in each system should be at least _____ PSI
- a) 80
 - b) 100**
 - c) 120

36. Your truck or bus has a dual air brake system. If a low air pressure warning comes on for only one system, what should you do?
- a) Reduce your speed and drive to the nearest DOT certified garage for repairs
 - b) Reduce your speed and test the remaining system while under way
 - c) **Stop right away and safely park the truck. Continue only after the system is fixed**
37. What happens when your brake drums get very hot?
- a) They contract
 - b) They start to smoke
 - c) **They expand**
38. How often should the air tanks be drained?
- a) Whenever the brakes feel spongy
 - b) Once a week
 - c) **Daily**
39. An air application gauge shows you
- a) How much air pressure is in your tanks
 - b) **How much air pressure you are applying to the brakes**
 - c) How much air pressure is escaping through your brake chamber
40. The difference between controlled braking and stab braking is
- a) Controlled braking is only used on wet roads
 - b) Controlled braking is for combination vehicles while stab braking is for single vehicles
 - c) **Controlled braking does not lock the wheels while stab braking involves locking the wheels**
41. To charge/release the brakes with air you
- a) Push the valves out
 - b) **Push the valves in**
 - c) Leave the valves in the normal position
42. Front brake limiting valves reduce the air pressure applied to the front brakes by
- a) 1/4
 - b) 1/3
 - c) **1/2**
43. The tractor air supply valve is what color?
- a) Red
 - b) **Yellow**
 - c) Blue

44. When the engine is at operating RPM the pressure should build up to 85 to 100 PSI within _____ in dual air systems.
- a) **45 seconds**
 - b) 1 minute
 - c) 2 minutes
45. Brake drums must not have cracks longer than _____ the width of the friction area
- a) 1/4
 - b) **1/2**
 - c) 1/3
46. In single air systems (pre-1975) air pressure should build from 50-90 PSI within ____ minutes
- a) 2
 - b) **3**
 - c) 4
47. In air operated disc brakes air pressure acts on a brake chamber and slack adjuster like S-Cam brakes but instead of the S-Cam a _____ is used.
- a) Brake screw
 - b) **Power screw**
 - c) Air pressure screw
48. A Safety relief valve is used to protect the air system from too much air pressure. This valve is usually set to open at _____ PSI
- a) 130 PSI
 - b) **150 PSI**
 - c) 160PSI
49. Tractor and straight truck spring brakes will apply fully when air pressure drops to a range of _____ PSI
- a) 20-50
 - b) 30-45
 - c) **20-45**
50. On large buses it is common for the low pressure warning devices to signal at _____ PSI
- a) 60-75
 - b) 70-75
 - c) **80-85**

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