

General Knowledge Test D

1. Which of these statements about driving in areas with strong winds are 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 lesson 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 the engine compression and friction to help the brakes slow the vehicle.
- c. It should not be done with an 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 objects at the edge of the road, you should drive closer 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, you should:

- a. Report the problem and make arrangements to use another vehicle.
- b. Go home because you shouldn't drive a 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 the exterior inspection and the inside walk through.
- b. Only during the exterior inspection portion of the pre-trip.
- c. Only during the inside walk through.
- d. None of the above.

10. You should 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.
- d. Both of the above.

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

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

13. The basics two reasons to cover your cargo are, 1) to protect the cargo from 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 100 ft before turning or changing lanes.
- b. At least 200 ft before turning or changing lanes.
- c. At least 300 ft before turning or changing lanes.
- d. At least 500 ft before turning or changing lanes.

16. 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.

17. 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 the liquid will expand in transit.
- d. All of the above.

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

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

19. 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.

20. Which of these statements about the 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 your problem.
- c. Antifreeze is not needed when the weather is warm.
- d. You should never shut off an overheated engine until it cools.

21. 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 speeds greater than 20 MPH.
- c. If you must leave the road, try to get all the wheels off the pavement, or at least one side of the vehicle's tires off the road.
- d. Most shoulders will not support a large vehicle.

22. 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.

23. 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.

24. 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.

25. 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 box trailer catches fires, you should open the cargo door as soon as you can.
- d. If the engine is on fire, you should open the hood as soon as you can.

26. 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. All of the above.

27. 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. Do not worry about the height clearance as long as you can stay on the state or federal highways.
- c. The total weight of a powered unit plus trailer(s) plus the cargo.
- d. The total weight of a single vehicle.

28. The Gross Combination Weight (GCW) means the following?

- a. The total weight of a powered unit plus trailer(s).
- b. The total weight of a single plus load.
- c. The total weight of a powered unit plus trailer(s) plus the cargo.
- d. All of the above.

29. Too much weight on the steering axle can cause the following:

- a. Hard steering.
- b. Damage to the tires.
- c. Damage to the steering axle.
- d. All the above.

30. Cargo should have at least one tie down for each:

- a. 10 feet of cargo.
- b. 5 feet of cargo.
- c. 12 feet of cargo.
- d. 20 feet of cargo.

31. The purpose of a baffle is to:

- a. Control the load surge.
- b. Separate the load.
- c. To keep expansion of the load down.
- d. None of the above.

32. The new BAC (Blood Alcohol Concentration) for commercial drivers to be considered intoxicated when driving a commercial vehicle is:

- a. .01.
- b. .04.
- c. .05.
- d. .10

33. Which of these is a good driving rule for work zones?

- a. Turn on your flashes / hazard lights.
- b. Use you brake lights to warn other drivers behind you.
- c. Drive slowly.
- d. All the above.

34. Brake “fade”:

- a. Can be corrected by letting up on the brakes for 1-2 seconds then re-applying them.
- b. Only occurs with drum brakes.
- c. Can be cause by the brakes becoming too hot.
- d. All of the above.

35. 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.

36. You should stop driving:

- a. After 5 hours.
- b. After 7 hours.
- c. After 9 hours.
- d. When you become sleepy.

37. 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.

38. For your safety, when setting out reflective triangles you should:

- a. Keep them out of sight while you are walking to the spot where you should 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 .

39. You must drive on a slippery road. Which of these is a good thing to do in such situation?

- a. Apply the brakes during the turns.
- b. Slow down gradually.
- c. Use a smaller following distance.
- d. All the above.

40. Cargo that is not loaded or secured properly can cause many problems. Which of these statements are 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 the above are true.

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

- a. A fire extinguisher, flashlight, 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).
- b. A crow bar and a 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.

42. As a part of your pre-trip inspection you must:

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

43. No matter how small the load is, it should have at least:

- a. Small loads do not have to have tie downs.
- b. One tie down.
- c. Two tie downs.
- d. None of the above.

44. Overloading can have a bad effect on?

- a. Speed control.
- b. Steering.
- c. Braking.
- d. All of the above.

45. Where should your ignition key be during your pre-trip inspection?

- a. In the ignition.
- b. On the dashboard.
- c. In your pocket.
- d. In the pocket on the vehicle door.

46. 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.

47. 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.

48. A commercial motor vehicle is defined as:

- a. A vehicle with a gross weight of 26,001 lbs.
- b. A vehicle transporting hazardous materials.
- c. A vehicle transporting 16 or more passengers.
- d. All of the above.

49. Suspension systems are intended to:

- a. Keep the load in place.
- b. Keep the axles in place.
- c. Keep the brake drums from failing.
- d. Keep the steering wheel tight.

50. 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.