

MID STATE DRIVING ACADEMY

THE TOP 64 MOST COMMON

COMBINATION VEHICLES QUESTIONS

LOSE THE FEAR OF THE UNKNOWN.
STUDY THE MOST COMMON CDL
GENERAL KNOWLEDGE QUESTIONS SO
YOU'LL KNOW WHAT TO EXPECT ON
THE BIG TEST DAY



THE TOP 64 MOST COMMON

US COMBINATION VEHICLES QUESTIONS

1.Where should the tractor be when you inspect the landing gear after uncoupling the trailer?

With the tractor frame under the trailer.

2.While driving behind another vehicle, under good conditions, you should allow at least one second between your vehicle and the vehicle ahead for each foot of your vehicle l

10

3.There are two things that a driver can do to prevent a rollover. They are: (1) keep the cargo as close to the ground as possible and (2):

Go slow around turns.

4.The air brake leakage rate for a combination vehicle (engine off, brakes off) should not be more than psi per minute.

3

5.If you cannot complete your turn without entering another traffic lane you should:

Turn wide as you complete the turn.

6.The higher the center of gravity of your truck, the:

Easier to turn over.

7.If the service line comes apart while you are driving a combination vehicle, but the emergency line stays together, what will happen right away?

Nothing is likely to happen until you try to apply the brakes.

8.Glad hands are usually connecting which of these?

Service and emergency air lines from the vehicle to the trailer.

9.A driver crosses the air lines when hooking up to an old trailer. What will happen?

If the trailer has no spring brakes, you could drive away but you would not have trailer brakes.

10.The hand valve should be used:

To test the trailer brakes.

11.When driving a set of doubles, it is necessary to close which shut-off valve in the last trailer:

Back valve.

COMBINATION VEHICLES

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12.You are about to back your tractor under a semitrailer. The trailer is at the right height when the:

Trailer will be lifted slightly when the tractor backs under it.

.....

13.Your emergency air line breaks or gets pulled apart while you are driving. The loss of pressure will cause the:

Emergency trailer brakes to come on.

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14.If the spring brakes are not released when you pushed the trailer air supply valve you should:

Check air line connection.

.....

15.Air brake equipped trailers made before 1975:

Are not required to have spring brakes.

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16.There are two things that a driver can do to prevent a rollover: They are: (1) go slow around turns, and (2):

Keep the cargo as close to the ground as possible.

.....

17.After connecting the air lines but before backing under the trailer you should:

Supply air to the trailer system, then pullout the air supply knob.

.....

18.Which part of the kingpin should the locking jaw close around?

The shank.

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

None.

.....

20.You have pushed the trailer air supply valve. You should not back a tractor under a trailer until the whole air system is:

At normal pressure.

.....

21.You are coupling a tractor to the semitrailer; you have connected the airlines. Before backing under the trailer, you should:

Supply air to the trailer system, then pull out the air supply knob.

.....

22.You are coupling a tractor to a semitrailer and have backed up, but are not under it. What should you hook up before backing under?

The emergency and service air lines.

.....

23.Tractor with a trailer requires the shortest amount of stopping distance.

Fully loaded

.....

24.After you have coupled the trailer you should raise the landing gear by using:

Low gear.

.....

25.You supply air to the trailer tanks by:

Pushing in the trailer air supply valve.

COMBINATION VEHICLES

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26.There are two things that a driver can do to prevent a rollover. They are: (1) go slow around turns, and (2):

Keep the cargo as close to the ground as possible.

.....

27.Why should you be sure that the fifth wheel plate is greased as required?

To prevent steering problems.

.....

28.When connecting the glad hands, press the two seals with the couplers together at what degree to each other?

90 degrees.

.....

29.Which of these statements is true?

Bobtail tractors can take longer to stop than a combination vehicle loaded to maximum gross weight.

.....

30.Why should you lock the tractor glad hands to each other(or dummy couplers) when you are not towing a trailer?

It will keep dirt or water out of the lines.

.....

31.When backing a tractor under a trailer you should:

Always use the lowest reverse gear.

.....

32.After the trailer has been coupled to the tractor, the tractor protection control valve should be placed in what position?

Normal position

33.The fifth wheel locking lever is not locked after the jaws close around the kingpin. This means that:

The coupling is not right and should be fixed before driving the coupled unit.

.....

34.Off-tracking or cheating causes which of these to follow the wider path while making a turn?

Tractor with two 27-foot trailers.

.....

35.The iron trailer supports are up and the trailer is resting on the tractor. Make sure:

There is enough clearance between the tractor frame and the landing gear.

.....

36.When you are uncoupling a loaded trailer, you should lower the landing gear until it:

Make firm contact with the ground, turn crank in low gear a few extra turns.

.....

37.What will happen if the air lines are crossed when you hook up to an old trailer?

If the trailer has no spring brakes, you could drive away but you would not have trailer brakes.

.....

38.To stop a trailer skid you should:

Release the brakes.

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39.The air lines on a combination vehicle are often colored to prevent them from mixing up. The emergency line is , the service line is .

red, blue

40.Semi-trailers made before 1975 that are equipped with air brakes:

Often do not have spring brakes.

41.The air leakage rate for a combination vehicle (engine off, brakes on) should not be more than psi per minute.

4

42.Compared to a straight truck or bus, there are things to inspect in combination vehicles.

More

43.When checking the trailer emergency brakes, the tractor protection control valve should be placed in what position?

Emergency

44.In normal driving, some drivers use the hand valve before the brake pedal to prevent a jack-knife. Which of the statements is true?

It should not be done.

45.While checking if the trailer is securely coupled to the tractor, the landing gears should be:

Slightly raised.

46.Air and electrical lines from the tractor to the trailer should be:

Secured but with enough loop to turn.

47.You have a major leak in the service line, and you put on the brakes. Service air will escape and cause the:

Trailer emergency brakes to come on.

48.A tractor with a trailer, requires the most amount of stopping distance.

Empty

49.When you get ready to back under a semitrailer you should line up:

Directly in front of the trailer.

50.You should not back a tractor under a trailer until the air system is:

At normal pressure.

51.After you lock the kingpin into the fifth wheel, you should check the connection by:

Pulling the tractor ahead gently with the trailer brakes locked.

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52.When should you use the hand valve to park a combination vehicle?

Never.

53.You have coupled with a semitrailer, where should you put the iron trailer supports before driving away?

Fully raised with the crank handle secured in its bracket.

54.The safety latch for the fifth wheel locking lever must be for a coupling to be complete.

Over the locking lever

55.After you supply air to the trailer, make sure the air lines are not crossed and the trailer brakes are working. This is done by:

Applying and releasing the trailer brakes and listening for the sound of the brake.

56.Before you back under a trailer, make sure that:

The trailer brakes are locked.

57.How should you test the tractor-semitrailer connection for security?

Pull gently forward in low gear against the locked trailer brakes then look at it carefully.

58.The front trailer supports are up and the trailer is resting on the tractor. Make sure:

Both options are correct.

59.To unlock the fifth wheel, the locking lever should be placed in the position.

Open

60.The tractor protection valve will close, and the trailer emergency brakes will come on when there is a major leak in the brake line.

Emergency

61.When coupling, the proper position of the fifth wheel is:

Tilted down toward the end of the trailer.

62.What gear should the tractor engine be in after you uncouple the trailer and are inspecting the trailer supports?

Neutral.

63.When uncoupling the trailer, after you shut off the trailer air supply and lock the trailer brakes, you should:

Back up gently to ease pressure on the fifth wheel.

64.You are driving a combination vehicle when the trailer breaks away, pulling apart both air lines. You expect the trailer brakes to come on and:

The tractor protection valve to close.