

**COMBINATION VEHICLES QUESTIONS AND ANSWERS**  
**TEST #1 (1-15) TEST #2 (16-30) TEST #3 (31-45)**

- 1. The front trailer supports are up and the trailer is resting on the tractor . Make sure:**  
**A. There is enough clearance between the tractor frame and landing gear.**
- 2. When should you use the hand valve to park a combination vehicle?**  
**A. Never.**
- 3. A driver crosses the air lines when hooking up to an old trailer with no spring brakes. What will happen?**  
**A. The driver could drive away with no trailer brakes.**
- 4. Glad hands are used to connect the:**  
**A. Service and emergency air lines from the truck to the trailer.**
- 5. For a coupling to be complete, the safety catch for the fifth wheel locking lever must be:**  
**A. Over the locking lever.**
- 6. Which part of the kingpin should the locking jaws close around?**  
**A. The shank.**
- 7. If the spring brakes don't release when you push the trailer air supply control, you should:**  
**A. Check the air line connection.**
- 8. A trailer is most likely to jackknife when it is:**  
**A. Empty.**
- 9. To unlock the fifth wheel, pull the release handle to the \_\_\_\_ position.**  
**A. Open.**
- 10. You supply air to the trailer tanks by:**  
**A. Pushing in the trailer air supply valve.**
- 11. After you connect the air lines, but before you back under the trailer, you should:**  
**A. Supply air to the trailer system, then pull out the air supply knob.**
- 12. The best way to tell if your trailer has started to skid is to: \_\_\_\_\_**  
**A. See it in your mirrors.**
- 13. The trailer air supply control (or tractor protection valve control) should automatically close when the air pressure falls to between \_\_\_\_ psi.**  
**A. 20 and 45 psi.**
- 14. When coupling, the proper position of the fifth wheel is:**  
**A. Tilted down towards the end of the tractor.**
- 15. Why should you be sure that the fifth wheel plate is greased as required?**  
**A. To prevent steering problems**

**TEST #2**

**16. Under good driving conditions, you should leave at least one second of space between your vehicle and the vehicle ahead for every \_\_\_\_\_ feet of your vehicle's length.**

**A. 10 feet.**

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

**A. Makes firm contact with the ground.**

**18. You are driving a combination vehicle. If the service air line comes apart but the emergency line stays together, what will happen right away?**

**A. The emergency trailer brakes will come on.**

**19. You are coupling a semitrailer to your tractor but have not yet backed under it. The trailer is at the right height when;**

**A. It will be raised slightly when the tractor is backed under it.**

**20. In general, the higher your truck's "center of gravity" the:**

**A. Easier it is to turn over.**

**21. A tractor with a (n) \_\_\_\_\_ trailer requires the shortest stopping distance.**

**A. Fully loaded.**

**22. When checking the trailer's emergency brakes, the tractor protection control valve should be placed in the \_\_\_\_\_ position.**

**A. Emergency.**

**23. You are coupling a tractor to a semitrailer. You have backed up but are not under it. What should you hook up before backing under the semitrailer?**

**A. The emergency and service air lines.**

**24. You are driving a combination vehicle. The trailer breaks away and pulls apart both air lines. You would expect the trailer brakes to come on and the:**

**A. Tractor protection valve to close.**

**25. You should not back a tractor under a trailer until the whole air system is:**

**A. At normal pressure.**

**26. After you supply air to the trailer, make sure the air lines are not crossed and the trailer brakes are working. You do this by:**

**A. Applying/ releasing the trailer brakes and listening for brakes sound.**

**27. When should you use chocks to park a trailer not equipped with spring brakes?**

**A. Always.**

**28. You want inspect the trailer support. You should place the tractor transmission in which gear after you have uncoupled the trailer?**

**A. Neutral.**

**29. You have uncoupled a trailer and you want to inspect the landing gear. The tractor should be positioned:**

**A. With the tractor frame under the trailer.**

**30. Which of this statement is true?**

**A. Light vehicles need more braking power to stop than heavy ones.**



**TEST # 3**

31. The air leakage rate for a combination of two vehicles (engine off, brakes off) should not be greater than \_\_\_\_ psi or less in one minute.  
A. 3 psi.
32. After you lock the kingpin into the fifth wheel, you should check the connection by pulling:  
A. The tractor ahead gently with trailers brake locked.
33. When you get ready to back under a trailer, should line up:  
A. Directly in front of the trailer.
34. Loss of air pressure in the emergency line causes:  
A. The trailer's emergency brakes to come on.
35. If you cannot make a turn without another traffic lane, you should:  
A. Turn wide as you complete the turn.
36. You have a major leak in the service line and you put on the brakes. Service air pressure will escape and cause the:  
A. Trailer emergency brakes to come on.
37. Before you back under a truck trailer, make sure the:  
A. Trailer brakes are locked.
38. You have pushed in the trailer supply valve. You should not move the tractor until the whole air system is:  
A. At normal pressure.
39. To prevent a jackknife in normal driving, some drivers use the hand valve before stepping on the brake pedal. Which of these statement is true?  
A. It should not be done.
40. What will happen if the air lines are crossed when you hook up to an old trailer with no spring brakes?  
A. You could drive away with no trailer brakes.
41. One of the things a driver can do to prevent a rollover is to keep:  
A. The cargo as close to the ground as possible.
42. The tractor protection valve will close and the trailer emergency brakes will come on when there is a major leak in the \_\_\_\_ brake line.  
A. Emergency.
43. After the trailer has been coupled to the tractor, the tractor protection control valve should be placed in the \_\_\_\_ position.  
A. Normal position.
44. To stop a trailer skid, you should:  
A. Release the service brakes.
45. You are uncoupling a trailer. After you shut off the trailer air supply and lock the trailer brakes, you should:  
A. Back up gently to easy pressure on the fifth wheel locking jaws.

## COMBINATION (CLASS A) #2

1. In general, the higher your truck's "center of gravity" the:

- ☐ .....Easier it is to turn around corners
- ☐ .....More stable it is when turning
- ☒ .....Easier it is to turn over

2. You are uncoupling a 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 locking jaws
- ☐ .....Begin to lower the trailer landing gear
- ☐ .....Immediately put on your tractor parking brakes

3. If you cannot make a turn without entering another traffic lane, you should:

- ☐ .....Turn wide before you start your turn
- ☒ .....Turn wide as you complete your turn
- ☐ .....Not make that turn

4. For a coupling to be completed, the safety catch for the fifth wheel locking level must be:

- ☒ .....Over the locking lever
- ☐ .....Straight up
- ☐ .....Through the locking lever

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

- ☐ .....Level with the ground
- ☐ .....Tilted up towards the end of the tractor
- ☒ .....Tilted down towards the end of the tractor

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

- ☐ .....About 1/4 Inch
- ☐ .....Just enough to see light through it
- ☒ .....None

7. Before you back under a truck trailer, make sure the:

- ☒ .....Trailer brakes are locked
- ☐ .....Air supply knob is in



☐ .....Air brakes are off

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

☐ .....Forward 50 feet, turning right, and left

☐ .....The tractor ahead sharply to release the trailer brakes

☒ .....The tractor ahead gently with the trailer brakes locked

9. A tractor with a(n) \_\_\_\_\_ trailer requires the shortest stopping distance.

☐ .....Empty

☐ .....Lightly loaded

☒ .....Fully loaded

10. Air and electric lines from the tractor to the trailer should be:

☐ .....Pulled tight, with very little slack

☒ .....Secured, but with enough slack for turns

☐ .....Resting on the frame of the tractor

11. Which part of the kingpin should the locking jaws close around?

☒ .....The shank

☐ .....The head

☐ .....The base

12. To stop a trailer skid you should:

☐ .....Use the trailer hand brake

☒ .....Release the brakes

☐ .....Countersteer

13. Under good driving conditions, you should leave at least one second of space between your vehicle and the vehicle ahead for every \_\_\_\_\_ feet of your vehicle's length.

☒ .....10

☐ .....20

☐ .....30

14. When should you use chocks to park a trailer not equipped with spring brakes?

☐ .....Never

☒ .....Always

☐ .....Only when it will be parked on an incline

15. To unlock the fifth wheel, pull the release handle to the \_\_\_\_\_ position.

- ☒ .....Open
- ☐ .....Neutral
- ☐ .....Closed

16. Which statement is true?

- ☐ .....The brake and suspension systems of combination vehicles work best with a light load
- ☐ .....Light vehicles need more braking power to stop than a combination vehicle loaded to maximum gross weight
- ☒ .....“Bobtail” tractors can take longer to stop than a combination vehicle loaded to maximum gross weight

17. You have pushed in the trailer supply valve. You should not move the tractor until the whole air system is:

- ☐ .....Empty
- ☒ .....At normal pressure
- ☐ .....Between 60 and 80 psi

18. After you connect the air lines, but before you back under the trailer, you should:

- ☒ .....Supply air to the trailer system, then pull out the air supply knob
- ☐ .....Make sure the trailer brakes are off
- ☐ .....Walk around the rig to be sure it is clear

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

- ☒ .....The emergency and service air lines
- ☐ .....The electrical service cable
- ☐ .....Nothing. Back up and lock the fifth wheel

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

- ☐ .....To ensure good electrical connections
- ☒ .....To prevent steering problems
- ☐ .....To reduce heat and noise

7