

COMBINATION VEHICLES

1. YOU SHOULD NOT BACK A TRACTOR UNDER A TRAILER UNTIL THE WHOLE AIR SYSTEM IS
 - A. AT NORMAL PRESSURE
 - B. BLED DOWN TO HALF THE MAXIMUM PRESSURE
 - C. BETWEEN 60-80 PSI
 - D. SAFE ENOUGH THAT THE WARNING BUZZER HAS GONE OFF

2. BEFORE YOU BACK UNDER A TRAILER MAKE SURE THE:
 - A. TRAILER BRAKES ARE LOCKED
 - B. TRACTOR PROTECTION VALVE IS NORMAL
 - C. AIR BRAKES ARE OFF
 - D. CHECK THAT THE LOCKING LEVER IS IN THE "LOCK" POSITION

3. YOU ARE COUPLING A SEMI TRAILER TO YOUR TRACTOR BUT YOU HAVE NOT YET BACKED UNDER. THE TRAILER IS AT THE RIGHT HEIGHT WHEN:
 - A. THE KINGPIN IS ABOUT 1 1/4 INCHES ABOVE THE FIFTH WHEEL.
 - B. THE END OF THE KINGPIN IS EVEN WITH THE TO OF THR FIFTH WHEEL
 - C. IT WILL BE RAISED SLIGHTLY WHEN THE TRACTOR IS BACKED UNDER
 - D. THERE IS CLEARANCE BETWEEN IT AND YOUR TRACTOR

4. YOU ARE COUPLING A TRACTOR TO A SEMITRAILER AND HAVE BACKE UP BUT ARE NOT UNDER IT. WHAT SHOULD YOU HOOK UP BE FORE BACKING UNDER?
 - A. THE ELECTRICAL SERVICE CABLE
 - B. THE EMERGENCY AND SERVICE AIR LINES
 - C. NOTHING; BACK UP AND LOCK FIFTH WHEEL
 - D. BOTH A&B

5. WHEN YOU GET READY TO BACK UNDER A SEMITRAILER YOU SHOULD LINE UP:
 - A. ABOUT 12 DEGREES OFF LINE OF THE TRAILER
 - B. THE KINGPIN TO ENGAGE THE DRIVERS SIDE LOCKING JAW FIRST
 - C. DIRECTLY IN FRONT OF THE TRAILER
 - D. AT A 90 DEGREE ANGLE TO THE TRAILER

6. IF THE SERVICE AIRLINE COMES APART WHILE YOU ARE DRIVING A COMBINATION VEHICLES BUT THE EMERGENCY LINE STAYS TOGETHER, WHAT WILL HAPPEN RIGHT AWAY ?
 - A. THE EMERGENCY TRACTOR BRAKES WILL COME ON
 - B. THE TRAILER'S AIR TANK WILL EXHAUST THROUGH THE OPE LINE
 - C. NOTHING IS LIKELY TO HAPPEN UNTIL YOU TRY TO APPLY THE BRAKES
 - D. IT WILL SUDDENLY THROW ON THE AIRBRAKES AND BRING YOUR TRUCK TO A SCREEHING HALT

7. WHICH PART OF THE KINGPIN SHOULD THE LOCKING JAW CLOSE AROUND
 - A. THE SHANK
 - B. THE HEAD
 - C. THE BASE
 - D. THE SHAFT

8. THE FIFTH WHEEL LOCKING LEVER IS NOT LOCKED AFTER THE JAWS CLOSE AROUND THE KINGPIN THIS MEANS THAT:
 - A. YOU CAN SET THE FIFTH WHEEL FOR BALANCE.
 - B. THE PARKING LOCK IS OFF AND YOU MAY DRIVE AWAY
 - C. THE COUPLING IS NOT RIGHT AND SHOULD BE FIXED BEFORE DRIVING
 - D. FORCE IT TO LOCK OR TRY YOUR BEST THEN DRIVE AWAY.

9. HOW SHOULD YOU TEST THE TRACTOR-TRAILER CONNECTION FOR SECURITY.
 - A. PUT THE TRACTOR IN GEAR AND PULL AHEAD WITH A SHARD JERK.
 - B. PULL GENTLY FORWARD IN LOW GEAR AGAINST THE LOCKED TRAILER BRAKES. THEN LOOK AT IT CAREFULLY.
 - C. ROCK THE TRAILER BACK AND FORTH WITH THE TRAILER BRAKES LOCKED
 - D. YOU JUST LOOK AT IT THROUGH YOUR MIRRORS AND THEN PULL AWAY

10. THE AIR LEAKAGE RATE FOR A COMBINATION VEHICLE (ENGINE OFF BRAKES OFF) SHOULD BE LESS THAN 4 PSI PER MINUTE.
 - A. 2
 - B. 3
 - C. 4
 - D. 5

11. WHEN SHOULD YOU USE THE HAND VALVE TO PARK A COMBINATION VEHICLE?
 - A. TO PARK AT LOADING DOCKS
 - B. TO PARK ON A GRADE
 - C. NEVER
 - D. ALWAYS

12. YOU HAVE COUPLED WITH A SEMITRAILER. IN WHAT POSITION SHOULD YOU PUT THE FRONT TRAILER SUPPORTS BEFORE DRIVING AWAY
- A. RAISED ½ WAY WITH THE CRANK HANDLE SECURED IN ITS BRACKET
 - B. FULLY RAISED WITH THE CRANK HANDLE SECURED IN ITS BRACKET**
 - C. THREE TURNS OFF THE TOP WITH THE HANDLE SECURED IN BRACKET
 - D. JUST ENOUGH TO HAVE THE FULL WEIGHT ON THE TRAILOR
13. YOU SUPPLY AIR TO THE TRAILER TANKS BY:
- A. PUSHING IN THE TRAILER AIR SUPPLY VALVE**
 - B. PULLING OUT THE TRAILER AIR SUPPLY VALVE
 - C. CONNECTING THE SERVICE LINE GLAND HAND
 - D. BY LETTING YOUR FOOT OFF THE CLUTCH
14. IN NORMAL DRIVING, SOME DRIVERS USE THE HAND VALVE BEFORE APPLYING THE BRAKE PEDAL TO PREVENT A JACKKNIFE WHICH OF THESE STATEMENTS IS TRUE ?
- A. IT SHOULD NOT BE DONE**
 - B. IT RESULTS IN LESS SKIDDING THAN USING THE BRAKE PEDAL ALONE
 - C. IT IS THE BEST WAY TO BRAKE AND KEEP THE TRUCK STRAIGHT
 - D. IT IS THE BEST WAY TO MAKE PEOPLE THINK YOUR PROFESSIONAL
15. THE AIR LEAKAGE RATE FOR A COMBINATION VEHICLE (ENGINE OFF, BRAKE OFF) SHOULD BE LESS THAN 3 PSI
- A. 1
 - B. 2
 - C. 3**
 - D. 4
16. WHY SHOULD YOU BE SURE THAT THE FIFTH WHEEL PLATE IS GREASED
- A. TO ENSURE GOOD ELECTRICAL CONNECTIONS
 - B. TO PREVENT STEERING PROBLEMS**
 - C. TO REDUCE HEAT AND NOISE
 - D. TO MAKE SURE THAT THE TRAILER WILL NEVER SKID
17. A DRIVER CROSSES THE AIR LINES WHEN HOOKING UP TO OLD TRAILER WHAT WILL HAPPEN?
- A. IF THE TRAILER HAS NO SPRING BRAKES, YOU CAN DRIVE AWAY, BUT WILL NOT HAVE TRAILER BRAKES**
 - B. THE HAND VALVE WILL APPLY THE TRACTOR BRAKES INSTEAD OF THE TRAILER BRAKES
 - C. THE BRAKE PEDAL WILL WORK THE TRAILER INSTEAD OF AIR BRAKE
 - D. NOTHING REALLY YOU JUST NEED TO REMEMBER WHAT YOU DID

18. 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:
- A. TURNING ON THE PARKING BRAKES FROM CAB
 - B. APPLYING AND RELEASING THE TRAILER BRAKES AND LISTENING FOR BRAKE SOUNDS
 - C. LIFTING THE BRAKE PEDAL
 - D. PUTTING TRAILER INTO SKID AND USING HAND VALVE
19. AIR LINES ON A COMBINATION VEHICLE ARE OFTEN COLORED TO KEEP FROM GETTING MIXED UP. THE EMERGENCY LINE IS ____? THE SERVICE LINE IS ____?
- A. RED; BLUE
 - B. BLACK; YELLOW
 - C. BLUE; RED
 - D. RED; GREEN
20. THERE ARE TWO THINGS THAT A DRIVER CAN DO TO PREVENT A ROLL OVER. THEY ARE (1) KEEP THE CARGO AS CLOSE TO THE GROUND AS POSSIBLE; AND (2);
- A. ARE EASIER TO BRAKE BECAUSE THEY ARE HEAVIER
 - B. GO SLOWLY AROUND TURNS
 - C. KEEP THE FIFTH WHEEL FREE PLAY AS TIGHT AS POSSIBLE
 - D. MAKING QUICK LANE CHANGES
21. SEMITRAILERS MADE BEFORE 1975 THAT ARE EQUIPPED WITH AIR BRAKES
- A. ARE EASIER TO BRAKE BECAUSE THEY ARE HEAVIER
 - B. USUALLY NEED GLAD HAND CONVERTER
 - C. OFTEN DO NOT HAVE SPRING BRAKES
 - D. DON'T HAVE BOTH AN EMERGENCY AND SERVICE LINE
22. WHICH OF THESE STATEMENTS ARE TRUE ?
- A. ALWAYS DELAY BRAKING A HEAVY VEHICLE UNTIL YOU HAVE NO OTHER CHOICE.
 - B. "BOB TAIL" TRACTORS CAN TAKE LONGER TO STOP THAN HEAVY ONES
 - C. LIGHTER VEHICLES NEED MORE BRAKING POWER TO STOP
 - D. YOU DON'T NEED TO USE WHEEL CHOCKS WHEN PARKING
23. WHY SHOULD YOU LOCK THE TRACTOR GLAD HANDS TO EACH OTHER WHEN YOU ARE TOWING A TRAILER OR (DUMMY COUPLERS) ?
- A. THE CONNECTED BRAKE CIRCUIT BECOMES A BACK UP AIR TANK
 - B. IT WILL KEEP DIRT AND WATER OUT OF LINES.
 - C. IF YOU DO NOT, YOU COULD NEVER BUILD SYSTEM PRESSURE
 - D. SO THEY DON'T DAMAGE YOUR TRUCK AND CAUSE ACCIDENT

24. THE HAND VALVE SHOULD BE USED:
- A. ONLY WITH THE FOOT BRAKE
 - B. TO TEST THE TRAILER BRAKES
 - C. ONLY WHEN THE TRAILER IS FULLY LOADED
 - D. WHEN YOU PARK THE VEHICLE
25. THE SAFETY CATCH FOR THE FIFTH WHEEL LOCKING LEVER MUST BE _____ FOR A COUPLING TO BE COMPLETE.
- A. OVER THE LOCKING LEVER
 - B. UNDER THE LOCKING LEVER
 - C. THROUGH THE LOCKING LEVER
 - D. NONE OF THESE ARE THE RIGHT POSITION FOR SAFETY CATCH
26. YOU ARE COUPLING A TRACTOR AND A SEMITRAILER AND HAVE CONNECTED THE AIR LINES BEFORE BACKING UNDER THE TRAILER YOU SHOULD:
- A. SUPPLY AIR TO THE TRAILER SYSTEM, THEN PULL OUT THE AIR
 - B. SUPPLY KNOB TO LOCK THE TRAILER BRAKES MAKE SURE THAT THE TRAILER BRAKES ARE OFF
 - C. APPLY THE BRAKES TWICE TO ALERT OTHERS
 - D. CONNECT THE ELECTRICAL CORD
27. THE FRONT TRAILER SUPPORTS ARE UP AND THE TRAILER IS RESTING ON THE TRACTOR MAKE SURE;
- A. THERE IS ENOUGH CLEARANCE TOPS OF TIRES AND NOSE TRAILER
 - B. THERE IS ENOUGH SPACE BETWEEN LANDING GEAR AND TRACTOR
 - C. BOTH A AND B
 - D. NONE OF THE ABOVE
28. YOUR EMERGENCY AIR LINE BREAKS OR GETS PULLED APART WHILE DRIVING. THE LOSS OF PRESSURE WILL CAUSE?
- A. EMERGENCY TRAILER BRAKES TO COME ON
 - B. AIR COMPRESSOR TO UNLOAD INSTEAD OF PUMPING AIR
 - C. TRAILER SUPPLY VALVE TO OPEN
 - D. IT WILL SUDDENLY THROW ON THE BRAKES TO A SCREECHING HAULT.
29. YOU HAVE A MAJOR LEAK IN THE SERVICE LINE AND YOU PUT ON BRAKE SERVICE AIR PRESSURE WILL ESCAPE AND CAUSE THE:
- A. TRAILER EMERGENCY BRAKE TO COME ON
 - B. TRAILER TANK PRESSURE TO BE LOSS
 - C. TRACTOR SPRING BRAKES TO LOCK ON
 - D. ALL BRAKES THAT STILL WORK WILL COME ON

30. YOU ARE DRIVING A COMBINATION VEHICLE WHEN THE TRAILER BRAKES AWAY, PULLING APART BOTH AIR LINES. YOU SHOULD EXPECT THE TRAILER BRAKES TO COME ON AND:
- A. THE TRACTOR TO LOSE AIR PRESSURE
 - B. **THE TRACTOR PROTECTION VALVE TO CLOSE**
 - C. THE TRAILER SUPPLY VALVE TO STAY OPEN
 - D. ALL BRAKES THAT STILL WORK WILL GO CLOSED
31. YOU ARE ABOUT TO BACK YOUR TRACTOR UNDER A SEMITRAILER THE TRAILER IS AT THE RIGHT HEIGHT WHEN THE:
- A. TRAILER LANDING GEAR IS FULLY EXTENDED
 - B. END OF THE KINGPIN IS EVEN WITH TOP OF TRAILER
 - C. **TRAILER WILL BE LIFTED SLIGHTLY WHEN THE TRACTOR BACKS UNDER IT**
 - D. WHEN TRACTOR MAY STRIKE THE NOSE OF TRAILER
32. HOW MUCH SPACE SHOULD BE BETWEEN THE UPPER AND LOWER FIFTH WHEEL AFTER COUPLING
- A. AT LEAST ½ INCH
 - B. **NONE**
 - C. JUST ENOUGH TO SEE LIGHT THROUGH IT
 - D. ENOUGH TO FIT YOUR HAND BETWEEN THEM