

## PCV MODULE 4 Q+A

**There are eight combinations of question papers that the examiner can choose from, covering five subject areas. In total there are eighteen questions below, so some sections will have the same questions on.**

### Section 1. Ability to load the vehicle with due regard for safety rules and proper vehicle use.

- a) where you find the UNLADEN weight of this vehicle?  
b) how much extra weight would there be if 15 passengers boarded?  
c) and if they were carrying a case each?  
d) how much weight would 100 litres of fuel add?
- The UNLADEN weight should be displayed on the nearside of the vehicle.
  - 15 passengers = 1,000kg/ 1 tonne.
  - 15 cases = 330kg/ 0.33 tonnes.
  - litres fuel = 100kg/ 0.1 tonne.

- a) Where would you find the UNLADEN weight of this vehicle?  
b) how much extra weight would there be should 45 passengers boarded?  
c) And if they were carrying a case each?  
d) How much weight would 250 litres of fuel add?
- The unladen weight should be displayed on the nearside of the vehicle.
  - 45 passengers equal 3000kg or 3 tonnes.
  - 45 cases equal 1000kg or 1 tonne
  - 250 litres of fuel equals 250kg or 0.25 tonne

A wheelchair user wants to board your vehicle. Show me and explain:

- a) The different access points on the vehicle which a wheelchair user might use  
b) The docking area for wheelchair users on this vehicle  
c) Which way the wheelchair should face  
d) What would you do if the wheelchair docking area is occupied by another passenger
- Identify different access points for a wheelchair user.
  - Point out where in the vehicle a wheelchair must be parked.
  - Which way the chair must face, chair facing towards the rear.
  - Ask the passenger to move to another seat if possible/refer to company policy.

## **Section 2. Security of your vehicle and contents**

a) Show me how you would check all passenger seats on this vehicle for comfort and safety.

- All seats should be looked over thoroughly and ensure all floor anchor points are secure.
- If the seat cushions are separately fitted, they should check to ensure it will not detach from seat when braking.
- Check the seats for sharp objects such as loose trim which could snag skin or clothing.
- Check that upholstery and trim is clean and not soiled in any way.

a) You are driving a different vehicle for the first time. Show me all the practical and visual safety checks you'd make to familiarise yourself with this new vehicle.

- Make sure you are aware of the vehicle height (sign check).
- Cockpit drill to include: doors closed and operate correctly, driver seat secure and correctly adjusted, steering correctly adjusted, seatbelt working (if fitted), mirrors clean and correctly adjusted.
- Check: First aid kit, fire extinguisher, emergency doors and break glass hammer (if appropriate).
- Ensure you have enough fuel for the journey, Ad Blue (if appropriate).

a) Show me how you would check the vehicle interior for passenger comfort and safety.

- Check the overhead luggage rack and grab the rails to ensure they were fitted securely.
- Check all trim(s) to ensure it is secure, not loose and no sharp objects protruding.
- Inspect the floor to ensure good condition and cleanliness.
- Check for anything that may cause a slips/trips/falls or could cause damage clothing or skin.

a) Show me how you would check all seat belts for their condition

b) What are the legal requirements for their use?

c) What is your responsibility in this matter?

- Securely fitted at anchor points and tug check
- Belt is clean and in good condition.
- Signs must be in place to tell passengers that seat belts must be worn if fitted.
- Driver must make sure all passengers understand signs and legal requirements.

### **Section 3. Preventing criminality and trafficking of illegal immigrants**

- a) You are parked at a border crossing and you and your passengers have left the vehicle unattended. Please show me what security checks you would make before driving through customs.
- Check in and around all lockers and compartments, hatches, wheel arches, suspension, between the axles (front and rear), underneath and on top of vehicle.
  - Inside the vehicle, including under and behind all seats.
  - Check fuel cap has not been tampered with and nothing inside.
  - Consult passenger manifest to ensure the correct legitimate passenger numbers.
- a) You and your passengers have returned to your vehicle after a rest break. You suspect that your vehicle may have been tampered with. What checks would you carry out before driving through customs.
- Check in and around all external and internal lockers and compartments, hatches, wheel arches, suspension, between the axles (front and rear).
  - Check underneath and on top (visual if possible) of vehicle.
  - Inside the vehicle, including under and behind all seats.
  - Consult passenger manifest to ensure the correct legitimate passenger numbers.
- a) You and your passengers had a comfort break just before boarding a cross channel ferry. Show me what checks you would carry out before driving through customs.
- Check in and around all external and internal lockers and compartments, hatches, wheel arches, suspension, between the axles (front and rear).
  - Check underneath and on top (visual if possible) of vehicle.
  - Inside the vehicle, including under and behind all seats.
  - Consult passenger manifest to ensure the correct legitimate passenger numbers.

#### **Section 4. Ability to assess emergency situations.**

You are driving on a motorway and flames appear from the engine compartment. Show me:

a) how you would deal with this small electrical wiring fire

b) which is the appropriate fire extinguisher to use on this fire.

- Check my mirrors then indicate and stop the vehicle on the hard shoulder as quickly and safely as possible. Turn on hazard lights, stop the engine, apply handbrake and select neutral.
- Isolate the vehicle disconnecting the electrical supply and activate the fuel cut off switch.
- Assess the fire to determine if it would be safe to tackle it. If it's safe, identify and use the correct fire extinguisher to use on an electrical system fire CO2/Dry Powder.
- Contact the emergency services.

You are driving along a busy main road and are alerted to a small fire which is centred around the fuel system. Show me:

a) how you would deal with this situation

b) which extinguisher you would NOT use on a fuel fire.

- Stop as quickly and safely as possible.
- Identify the appropriate extinguisher, Dry Powder in this situation. You would NOT use water on a fuel fire.
- Get passengers off the vehicle and contact the emergency services.
- Isolate the vehicle disconnecting the electrical supply and activate the fuel cut off switch.

You are driving a loaded vehicle on a motorway and flames appear from around one of your tyres. Tell me:

a) how you would deal with this small fire

b) which is the appropriate fire extinguisher to use on this fire.

- Check my mirrors then indicate and stop the vehicle on the hard shoulder as quickly and safely as possible. Turn on hazard lights, stop the engine, apply handbrake and select neutral.
- Isolate the vehicle disconnecting the electrical supply and activate the fuel cut off switch.
- Assess the fire to determine if it would be safe to tackle it. Identify and the correct fire extinguisher to use (water or foam in this scenario).
- Get all passengers off the vehicle and contact the emergency services.

You suspect a brake fault on this vehicle. Show me:

- a) What checks you can carry out to make sure the compressor is working properly
- b) Any checks you could make to identify air leaks.

- Empty the air tanks by pumping the footbrake.
- Restarting the engine and ensuring the compressor recharges the air system.
- Stop the engine, apply the footbrake and listen for air leaks.
- Carry out a physical check of the air system to make sure air lines are serviceable.

- a) What safety checks do you need to make before moving away from a bus stop after an elderly infirm passenger or wheelchair user boards your vehicle?

- Make sure the 'kneeling' facility/wheelchair ramp is safely secured.
- Ensure all passengers have reached a secure and safe position.
- Check nearside mirror for any late passengers before moving away.
- Ensure all doors are closed before moving away.

Walk round the vehicle and:

- a) explain what projections and overhangs there are

b) also describe what allowances you would have to make for these projections and overhangs when driving this vehicle.

- Walk round the vehicle Identifying all overhangs and projections (check front, rear and mirrors).
- Explain that overhangs can sweep over kerbs when turning, colliding with street furniture, pedestrians, other vehicles and your vehicle.
- Mirror projections can come into contact with street furniture, pedestrians and other vehicles.
- Good all-round observation is required, as well as effective use of mirrors to check for rear end sweep.

- a) Your stationary vehicle is full of passengers. The engine is running and you are in the driving seat. You have just been involved in a road traffic incident. What would you do?

- Switch off the engine.
- Warn other traffic by using hazard warning lights, beacons, cones or advance warning triangle.
- Check passengers for any injuries.
- Contact the emergency services.

**Section 5. Ability to prevent physical risk.**

- a) Show me and explain the daily safety checks you would make to this vehicle before driving on the road.**

Cockpit check. Ensure all warning lights on the dashboard are working correctly and go out once engine is started.

Check that all external lights are working, high beam, signals etc

Make sure all reflectors are secure clean and working

Ensure all mirrors are clean, clear and positioned correctly.

Check the windscreen is clean, clear and free of mascots and stickers.

Make sure handbrake is applied and neutral selected.

Check that windscreen washers work.

Make sure the audible warning device (horn) is working.

Check you have sufficient fuel for my journey.

Start the engine, check for excessive exhaust smoke.

Check tyres (minimum 1mm, 3/4 across, full circumference, no bulges, rips, cord exposed etc.)

Checking the wheels (no corrosion and wheel nut thread depths are similar).

All emergency exits and disable facilities must be operational and working.

Checking the number plates are fixed, clean and clear.