

Trucking General Knowledge Practice Test (Sample)

Study Guide



Everything you need from our exam experts!

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Table of Contents

Copyright	1
Table of Contents	2
Introduction	3
How to Use This Guide	4
Questions	5
Answers	8
Explanations	10
Next Steps	16

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Introduction

Preparing for a certification exam can feel overwhelming, but with the right tools, it becomes an opportunity to build confidence, sharpen your skills, and move one step closer to your goals. At Examzify, we believe that effective exam preparation isn't just about memorization, it's about understanding the material, identifying knowledge gaps, and building the test-taking strategies that lead to success.

This guide was designed to help you do exactly that.

Whether you're preparing for a licensing exam, professional certification, or entry-level qualification, this book offers structured practice to reinforce key concepts. You'll find a wide range of multiple-choice questions, each followed by clear explanations to help you understand not just the right answer, but why it's correct.

The content in this guide is based on real-world exam objectives and aligned with the types of questions and topics commonly found on official tests. It's ideal for learners who want to:

- Practice answering questions under realistic conditions,
- Improve accuracy and speed,
- Review explanations to strengthen weak areas, and
- Approach the exam with greater confidence.

We recommend using this book not as a stand-alone study tool, but alongside other resources like flashcards, textbooks, or hands-on training. For best results, we recommend working through each question, reflecting on the explanation provided, and revisiting the topics that challenge you most.

Remember: successful test preparation isn't about getting every question right the first time, it's about learning from your mistakes and improving over time. Stay focused, trust the process, and know that every page you turn brings you closer to success.

Let's begin.

How to Use This Guide

This guide is designed to help you study more effectively and approach your exam with confidence. Whether you're reviewing for the first time or doing a final refresh, here's how to get the most out of your Examzify study guide:

1. Start with a Diagnostic Review

Skim through the questions to get a sense of what you know and what you need to focus on. Your goal is to identify knowledge gaps early.

2. Study in Short, Focused Sessions

Break your study time into manageable blocks (e.g. 30 - 45 minutes). Review a handful of questions, reflect on the explanations.

3. Learn from the Explanations

After answering a question, always read the explanation, even if you got it right. It reinforces key points, corrects misunderstandings, and teaches subtle distinctions between similar answers.

4. Track Your Progress

Use bookmarks or notes (if reading digitally) to mark difficult questions. Revisit these regularly and track improvements over time.

5. Simulate the Real Exam

Once you're comfortable, try taking a full set of questions without pausing. Set a timer and simulate test-day conditions to build confidence and time management skills.

6. Repeat and Review

Don't just study once, repetition builds retention. Re-attempt questions after a few days and revisit explanations to reinforce learning. Pair this guide with other Examzify tools like flashcards, and digital practice tests to strengthen your preparation across formats.

There's no single right way to study, but consistent, thoughtful effort always wins. Use this guide flexibly, adapt the tips above to fit your pace and learning style. You've got this!

Questions

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- 1. 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. Only in emergencies**

- 2. What is a key benefit of a truck-escape ramp?**
 - A. Help avoid damage to the vehicle**
 - B. Can be used by any type of vehicle**
 - C. Provide a scenic route**
 - D. Are only for emergency situations**

- 3. What may happen if the alcohol evaporator is not kept filled with alcohol in an air brake system?**
 - A. The brakes may wear out quicker**
 - B. Ice may form in air storage tanks causing brake failure**
 - C. Braking distance may increase**
 - D. Brakes will be less responsive**

- 4. What is the primary purpose of a fatigue management program for drivers?**
 - A. To increase the number of driving hours**
 - B. To enhance vehicle performance**
 - C. To help reduce the risks associated with driver fatigue through schedules and rest breaks**
 - D. To incentivize longer trips**

- 5. When driving in cold weather, what should you do regarding tire tread?**
 - A. Check them every 100 miles or every two hours**
 - B. Ensure they are double the depth required in normal weather**
 - C. Ensure they provide enough traction to steer through snow**
 - D. Only check them if you notice a traction issue**

- 6. Which method is NOT recommended when preparing to back a tractor-trailer?**
- A. Using mirrors extensively**
 - B. Having a ground guide**
 - C. Moving too quickly to get the job done**
 - D. Aligning the trailer before reversing**
- 7. Which of these pieces of emergency equipment should be carried in your vehicle?**
- A. Warning devices for parked vehicles.**
 - B. Circuit breakers.**
 - C. First Aid kit.**
 - D. Fire extinguisher.**
- 8. When uncoupling a trailer, after shutting off the trailer air supply, what should be your next step?**
- A. Back up gently to ease pressure on the fifth wheel locking jaw**
 - B. Begin to lower the trailer landing gear**
 - C. Immediately put on your tractor parking brakes**
 - D. Disconnect the electrical line**
- 9. If you have a conditional driver's license, what is a requirement you must follow while driving?**
- A. A special time limit for license renewal**
 - B. Special restrictions**
 - C. An age limit**
 - D. No requirements**
- 10. What should a driver do before backing up their truck?**
- A. Rely solely on mirrors**
 - B. Use a backup camera only**
 - C. Get out and check the area for obstacles**
 - D. Ask another driver for assistance**

Answers

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1. C
2. A
3. B
4. C
5. C
6. C
7. A
8. A
9. B
10. C

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Explanations

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1. 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. Only in emergencies**

Using the hand valve to park a combination vehicle is not recommended because it can lead to unsafe situations. The hand valve, which controls the trailer's brakes, can disengage upon parking if the vehicle shifts or settles, potentially causing the vehicle to roll if not properly secured. This is particularly dangerous on a slope or when loading and unloading at docks, where stability is essential. Instead, the parking brakes should be utilized, which are specifically designed for securing the vehicle when parked, ensuring all wheels are reliably held in place. Understanding the proper methods for securing both the cab and trailer is crucial for the safety of the driver and the integrity of cargo.

2. What is a key benefit of a truck-escape ramp?

- A. Help avoid damage to the vehicle**
- B. Can be used by any type of vehicle**
- C. Provide a scenic route**
- D. Are only for emergency situations**

A truck-escape ramp, also known as a runaway truck ramp, is specifically designed to aid vehicles, particularly large trucks, that may be experiencing brake failure or other emergencies while traveling downhill. One of its primary benefits is that it helps avoid damage to the vehicle and potential accidents by providing a safe area for the truck to come to a halt. When a truck driver realizes that they cannot control their speed due to brake failure, the escape ramp offers a chance to slow down and stop safely, thereby preventing catastrophic outcomes such as collisions or rollovers that could lead to significant damage to the vehicle or harm to other road users. While escape ramps are primarily intended for emergency situations, the focus is on their role in protecting both the vehicle and the driver during critical moments, making the preservation of the vehicle a key benefit. Other options may discuss different aspects, but the prevention of damage to the truck itself is the most direct and important function of escape ramps.

3. What may happen if the alcohol evaporator is not kept filled with alcohol in an air brake system?

- A. The brakes may wear out quicker**
- B. Ice may form in air storage tanks causing brake failure**
- C. Braking distance may increase**
- D. Brakes will be less responsive**

In an air brake system, the alcohol evaporator plays a crucial role in preventing moisture accumulation within the system. If the alcohol evaporator is not adequately filled with alcohol, there's a significant risk that moisture in the air can freeze in cold weather conditions. This freeze can lead to the formation of ice in the air storage tanks, which can block the air lines and ultimately result in brake failure. When air cannot flow freely due to this blockage, the brakes may become inoperative or less effective, posing serious safety risks. Therefore, it's essential to maintain the alcohol level in the evaporator to ensure optimal performance of the braking system, particularly in colder climates.

4. What is the primary purpose of a fatigue management program for drivers?

- A. To increase the number of driving hours**
- B. To enhance vehicle performance**
- C. To help reduce the risks associated with driver fatigue through schedules and rest breaks**
- D. To incentivize longer trips**

The primary purpose of a fatigue management program for drivers is to help reduce the risks associated with driver fatigue through schedules and rest breaks. Driver fatigue is a significant safety concern in the trucking industry, as it can lead to decreased alertness, impaired judgment, and slower reaction times, all of which increase the likelihood of accidents. A fatigue management program aims to establish guidelines and practices that encourage drivers to take sufficient rest and avoid long, continuous driving hours without breaks. This includes creating work schedules that allocate adequate time for rest and recovery, thereby ensuring that drivers can perform their duties safely and effectively. Implementing such programs not only promotes the health and safety of drivers but also contributes to overall road safety for all users. By proactively addressing fatigue, these programs help to mitigate the risk of accidents and improve the wellbeing of drivers, making it a fundamental component of responsible trucking operations.

5. When driving in cold weather, what should you do regarding tire tread?

- A. Check them every 100 miles or every two hours**
- B. Ensure they are double the depth required in normal weather**
- C. Ensure they provide enough traction to steer through snow**
- D. Only check them if you notice a traction issue**

In cold weather conditions, particularly when driving on snow or ice, ensuring that your tires provide enough traction is essential for safe operation. Tires with adequate tread depth can significantly improve your vehicle's grip on slippery surfaces, which is crucial for steering control and overall safety. When snow begins to accumulate on the road, tires with sufficient tread depth help channel the snow and water away from the contact patch, reducing the risk of hydroplaning and improving traction. Consequently, proactively checking that your tires can handle the snowy conditions is vital, as insufficient tread can lead to compromised handling and longer stopping distances. While regular checks of your tires are beneficial, focusing on traction specifically in cold and snowy conditions highlights the importance of ensuring that your tires are properly equipped for such environments. This understanding emphasizes the importance of tread depth not just in usual circumstances, but particularly in challenging weather conditions.

6. Which method is NOT recommended when preparing to back a tractor-trailer?

- A. Using mirrors extensively**
- B. Having a ground guide**
- C. Moving too quickly to get the job done**
- D. Aligning the trailer before reversing**

Moving too quickly to get the job done is not a recommended method when preparing to back a tractor-trailer. Backing a large vehicle requires careful attention to detail, spatial awareness, and the ability to respond to changing conditions. If a driver rushes the process, they can easily overlook important cues, which increases the risk of accidents or property damage. In contrast, using mirrors extensively, having a ground guide, and aligning the trailer before reversing are all best practices that enhance safety and improve maneuverability. These methods ensure that the driver has a clear view of their surroundings and receives guidance from another person, which can significantly help in navigating tight spaces and avoiding obstacles. Taking time to perform these actions with care leads to a more controlled and successful backing maneuver.

7. Which of these pieces of emergency equipment should be carried in your vehicle?

- A. Warning devices for parked vehicles.**
- B. Circuit breakers.**
- C. First Aid kit.**
- D. Fire extinguisher.**

The correct choice emphasizes the importance of being prepared in case of an emergency involving your vehicle. Warning devices for parked vehicles, such as reflective triangles or flares, are crucial for alerting other drivers to your presence when your vehicle is stopped on the roadside, especially in low visibility conditions. This can help prevent additional accidents and ensure the safety of both the driver and any passengers. While a first aid kit and a fire extinguisher are also important items to have on board for addressing medical emergencies or vehicle fires, warning devices specifically focus on preventing accidents by indicating that a vehicle is not in motion. Circuit breakers, although important for electrical systems, are not classified as emergency equipment for roadside safety purposes. Thus, the importance of carrying warning devices cannot be overstated, as they directly address the need for safety in emergency situations on the road.

8. When uncoupling a trailer, after shutting off the trailer air supply, what should be your next step?

- A. Back up gently to ease pressure on the fifth wheel locking jaw**
- B. Begin to lower the trailer landing gear**
- C. Immediately put on your tractor parking brakes**
- D. Disconnect the electrical line**

When uncoupling a trailer, the correct next step after shutting off the trailer air supply is to back up gently to ease pressure on the fifth wheel locking jaw. This action is crucial because it helps to release any tension that may be present in the connection between the tractor and the trailer. By backing up slightly, the locking mechanism can disengage more easily, ensuring a smoother uncoupling process and preventing damage to the equipment. The other steps may be important in the overall procedure of uncoupling, but they follow the initial action of relieving pressure. Beginning to lower the trailer landing gear before easing pressure could result in difficulties if the connection is still tight. Similarly, applying the tractor's parking brakes is essential, but it is typically done after ensuring that the trailer is safely detached. Disconnecting the electrical line should also occur after the fifth wheel has been properly disengaged to prevent shorts or other electrical issues. Focus on the sequence of actions ensures safety and efficiency during the uncoupling process.

9. If you have a conditional driver's license, what is a requirement you must follow while driving?

- A. A special time limit for license renewal**
- B. Special restrictions**
- C. An age limit**
- D. No requirements**

Having a conditional driver's license means that there are specific restrictions and requirements imposed on the driver. These could include limitations such as only being allowed to drive during certain hours, requiring a licensed adult in the car, or being restricted from driving in particular areas. These conditions are designed to ensure that the driver gains experience or meets specific needs before being granted a full, unrestricted license. The other options do not accurately reflect the nature of a conditional driver's license. A special time limit for license renewal could apply to any driver but is not specific to conditional licenses. An age limit is based on general licensing laws rather than a specific conditional license. Lastly, stating that there are no requirements would be incorrect, as conditional licenses inherently come with stipulations meant to promote safe driving practices and experience accumulation.

10. What should a driver do before backing up their truck?

- A. Rely solely on mirrors**
- B. Use a backup camera only**
- C. Get out and check the area for obstacles**
- D. Ask another driver for assistance**

Before backing up a truck, it is essential for the driver to get out and physically check the area for obstacles. This step is critical because it provides a clear and comprehensive view of the surroundings that mirrors or backup cameras might not fully capture. By inspecting the area on foot, the driver can identify any hidden hazards, such as pedestrians, low branches, or objects that may obstruct the path. While relying solely on mirrors or using a backup camera can assist in the process, these methods do not offer the same level of detail and spatial awareness that a ground check does. Additionally, seeking assistance from another driver can be helpful, but it's not a substitute for the driver's own responsibility to ensure the area is clear prior to maneuvering the vehicle. Ultimately, getting out and assessing the surroundings first provides the safest approach before backing up a truck.

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Next Steps

Congratulations on reaching the final section of this guide. You've taken a meaningful step toward passing your certification exam and advancing your career.

As you continue preparing, remember that consistent practice, review, and self-reflection are key to success. Make time to revisit difficult topics, simulate exam conditions, and track your progress along the way.

If you need help, have suggestions, or want to share feedback, we'd love to hear from you. Reach out to our team at hello@examzify.com.

Or visit your dedicated course page for more study tools and resources:

<https://truckinggenknowledge.examzify.com>

We wish you the very best on your exam journey. You've got this!

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