Northeast Operating Rules Advisory Committee (NORAC) Practice Test (Sample)

Study Guide

Everything you need from our exam experts!

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**

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

1. Who do engine service employees receive their instructions from?

A. Conductors

B. Superintendents or designated officers

C. Yardmasters

D. Dispatcher

2. How should crew members notify the Dispatcher after an emergency stop?

A. By sending a text message

B. By making a radio transmission

C. By signaling with flares

D. By reporting through a phone call

3. How must trains operate within the limits of a suspension in an ABS failure?

A. They can operate at unlimited speed

B. Passenger trains must not exceed 59 MPH; freight trains must not exceed 49 MPH

C. Only freight trains can exceed speed limits

D. Trains may use their discretion to determine speed

4. What is the purpose of using key words in radio communication?

A. To prolong communication

B. To keep communication brief

C. To confuse the listener

D. To ensure everyone speaks at once

5. What should happen if the "Dead Man" or "Alerter" feature fails en route on a passenger train?

A. An engineer must take over immediately

B. An employee must join the Engineer in the control compartment

C. Resume normal operations without intervention

D. Notify the Dispatcher of the failure

6. How does the NORAC define 'Normal Speed'?

A. As the speed that trains typically operate under

B. As the maximum speed allowed without restrictions

C. As the speed that does not exceed Maximum Authorized Speed

D. As the speed required for freight operations

7. What must be ensured regarding out-of-service tracks adjacent to platforms?

A. The track must remain occupied by other trains

B. No trains should occupy the platform

C. Passengers must be notified of delays

D. Complete stop must be maintained by all trains

8. How will movements enter the In-Service portion of a track?

A. On a first come, first served basis

B. Only with verbal approval from the crew

C. With permission from the Dispatcher

D. Automatically when the track is cleared

9. What publication summarizes changes to the timetable and other instruction manuals?

A. General Order (GO)

B. Bulletin Order

C. Updated Manual

D. Procedural Directive

10. Which of the following unusual occurrences must be reported to the train dispatcher?

A. Routine maintenance checks

B. Weather changes

C. Collisions and derailments

D. Upgrades to equipment

Answers

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

Explanations

1. Who do engine service employees receive their instructions from?

A. Conductors

B. Superintendents or designated officers

C. Yardmasters

D. Dispatcher

Engine service employees receive their instructions from superintendents or designated officers because these individuals hold the authority and responsibility to oversee train operations and ensure compliance with operating rules and protocols. Superintendents are typically responsible for the overall management of train service activities and play a crucial role in establishing the work schedules and assigning tasks to engine service employees. This hierarchical structure ensures that all operations run smoothly and safely, as designated officers can provide specific guidance related to the day-to-day functioning of locomotive operations and crew management. In contrast, conductors, yardmasters, and dispatchers have distinct roles within the train operation network. Conductors primarily oversee the train's operation and the safety of passengers and crew while under way, but it is the superintendents or designated officers who provide direct instructions regarding service duties. Yardmasters manage yard operations and direct the movements of trains within terminals but do not typically issue direct work instructions to engine service employees. Dispatchers are responsible for coordinating train movements across the network, ensuring safe spacing and timely departures, but they communicate more with the train crews and do not directly provide work instructions in the same light as superintendents or designated officers.

2. How should crew members notify the Dispatcher after an emergency stop?

A. By sending a text message

B. By making a radio transmission

C. By signaling with flares

D. By reporting through a phone call

Crew members should notify the Dispatcher after an emergency stop by making a radio transmission because it is the most immediate and effective method of communication in a rail operation. Radio transmissions allow for real-time communication, enabling the crew to quickly convey necessary information about the situation to the Dispatcher. This can include details about the emergency, the status of the train, and any required assistance. Using radio communications is crucial in the event of an emergency because it facilitates swift decision-making and coordination. The dispatcher can promptly relay the information to other necessary personnel, ensuring that the proper responses are initiated without delay. Other options, while they may seem viable in some contexts, do not provide the same level of immediacy or clarity required during an emergency situation. For instance, text messages may experience delays in sending or receiving and do not allow for back-and-forth communication. Signaling with flares can be useful for visual signaling but does not provide specific information about the emergency or the status of the crew. Similarly, making a phone call may take more time, particularly if the Dispatcher is not readily available or if there are technical issues with the phone line. Thus, utilizing a radio transmission is the preferred method as it optimizes communication during critical circumstances.

3. How must trains operate within the limits of a suspension in an ABS failure?

A. They can operate at unlimited speed

B. Passenger trains must not exceed 59 MPH; freight trains must not exceed 49 MPH

C. Only freight trains can exceed speed limits

D. Trains may use their discretion to determine speed

The correct answer indicates that passenger trains must not exceed 59 MPH, while freight trains must not exceed 49 MPH within the limits of a suspension in an Automatic Block Signal (ABS) failure. This approach is essential for maintaining safety in situations where the signaling system is not functioning properly. By establishing speed limits specific to the type of train, these guidelines help manage the risk associated with reduced visibility or operational restrictions during an ABS failure. Passenger trains typically have a higher priority for passenger safety and are therefore subject to a slightly higher speed limit compared to freight trains, which can be slower due to their heavier loads and need for longer stopping distances. Setting these specific speed limits helps prevent derailments and accidents that can occur if trains were allowed to operate at unrestricted speeds. It also ensures that train crews can appropriately respond to signals and any potential hazards that may arise on the tracks during such failures. The context of the other options clarifies their impracticality or danger, as allowing unlimited speed or using discretion would significantly raise the risk of accidents, and only allowing freight trains to exceed the speed limits would not adequately address the safety concerns for passenger trains.

4. What is the purpose of using key words in radio communication?

A. To prolong communication

B. To keep communication brief

C. To confuse the listener

D. To ensure everyone speaks at once

Using key words in radio communication serves the purpose of keeping communication brief and to the point. In high-stakes environments like rail operations, effective communication is critical for safety and efficiency. Key words help convey essential information quickly, cutting through the clutter of unnecessary details. This allows for faster responses and clearer understanding among crew members, reducing the chances of misinterpretation or confusion. The other choices do not align with the principles of effective communication. Prolonging communication or confusing the listener would hinder the clarity and efficiency needed in urgent or complex situations, and ensuring everyone speaks at once would create chaos rather than clarity. By using key words, professionals in the field can maintain concise and focused exchanges, which is essential for operational safety and coordination.

5. What should happen if the "Dead Man" or "Alerter" feature fails en route on a passenger train?

A. An engineer must take over immediately

B. An employee must join the Engineer in the control compartment

C. Resume normal operations without intervention

D. Notify the Dispatcher of the failure

In the event that the "Dead Man" or "Alerter" feature fails on a passenger train, the appropriate response is for an employee to join the engineer in the control compartment. This is crucial for maintaining safety while operating the train. The "Dead Man" feature is designed to ensure that the engineer is actively controlling the train; if it detects that the engineer is incapacitated or not responsive, it will automatically engage the brakes. Similarly, the "Alerter" feature serves as a warning system, prompting the engineer to respond to ensure they are alert and focused on their duties. When these systems fail, continuity of control and safety of the train need to be addressed promptly. Having an employee accompany the engineer provides an additional layer of safety and oversight. This is particularly important as it allows for shared responsibility, enabling another set of eyes and hands to assist in monitoring the train's operation and responding to any emergencies or issues that may arise during the journey. This procedure helps prevent potential accidents and ensures that the train can continue to operate safely until further action can be taken.

6. How does the NORAC define 'Normal Speed'?

A. As the speed that trains typically operate under

B. As the maximum speed allowed without restrictions

C. As the speed that does not exceed Maximum Authorized Speed

D. As the speed required for freight operations

The definition of 'Normal Speed' under the NORAC pertains to the operational framework for train movements and safety. It refers to a speed that does not exceed the Maximum Authorized Speed, which is a critical component in ensuring safe operations within the railroad network. When a train operates at a Normal Speed that adheres to this definition, it helps maintain proper control and limits the risks associated with excessive speeds. understanding this concept is crucial for railroad employees as they adhere to safe practices while managing train operations. In this context, other options do not capture the regulatory compliance and safety concerns that the definition of Normal Speed encapsulates. Operational practices such as typically operating speeds or speeds required specifically for freight do not provide the same level of safety assurance as maintaining operations within the bounds of Maximum Authorized Speed. Thus, option C is the most accurate representation of how NORAC defines 'Normal Speed.'

7. What must be ensured regarding out-of-service tracks adjacent to platforms?

A. The track must remain occupied by other trains

B. No trains should occupy the platform

C. Passengers must be notified of delays

D. Complete stop must be maintained by all trains

The correct choice states that no trains should occupy the platform. This requirement is crucial for safety reasons when tracks adjacent to platforms are out of service. If a track is designated as out-of-service, it indicates that it is not safe for train operations, and any movement near that area could pose a risk to passengers. Keeping the platform free of trains ensures that passengers can safely embark and disembark, and reduces the chance of accidents occurring in the vicinity of the platform. On the other hand, the other options do not address the fundamental safety and operational protocol concerning out-of-service tracks. For instance, having the track occupied by other trains contradicts the purpose of marking that track out-of-service, which is to keep trains away from that area. Similarly, notifying passengers of delays, while important for communication, does not directly relate to the safety of the platform area. Lastly, requiring all trains to maintain a complete stop does not specifically address the situation with adjacent out-of-service tracks, as it does not inherently prevent potential hazards associated with occupying the platform itself.

8. How will movements enter the In-Service portion of a track?

A. On a first come, first served basis

B. Only with verbal approval from the crew

C. With permission from the Dispatcher

D. Automatically when the track is cleared

The correct answer reflects the established protocol for entering the In-Service portion of a track. Movements typically require permission from the Dispatcher, as this individual is responsible for managing train movements and ensuring that they comply with safety regulations. The Dispatcher has the authority to provide the necessary clearance and determine when a train is allowed to enter a section of track that is in service, which helps prevent accidents and ensure the orderly flow of rail traffic. In this context, verbal approvals from the crew or a first-come, first-served basis are not standard practices because they could compromise safety and coordination by allowing multiple trains to enter the same segment of track without appropriate checks. Automatic clearance when the track is cleared also lacks the necessary oversight and safety checks that the Dispatcher provides, which are crucial for maintaining safe operations within rail networks. Therefore, permission from the Dispatcher is vital to ensure all movements onto the track are controlled, organized, and safe.

9. What publication summarizes changes to the timetable and other instruction manuals?

A. General Order (GO)

B. Bulletin Order

C. Updated Manual

D. Procedural Directive

The General Order (GO) serves as the publication that summarizes changes to the timetable and other instruction manuals within the context of train operations and safety regulations. It is issued to communicate updates and modifications that are essential for the daily operations of rail services. The GO ensures that all personnel are informed of amendments that may affect train schedules, rules, and other critical instructions. Bulletin Orders, while similar in communicating important information, typically address specific notifications that might not be as broad as the changes encapsulated in a General Order. The term "Updated Manual" is less formal and does not align with the structured communication practices of railway operations, as it suggests a simple revision rather than a methodical documentation of changes. Procedural Directives often focus on specific procedures rather than broad updates across schedules or manuals, making them different from the comprehensive nature of a General Order. Thus, the General Order is specifically designed to inform and provide clarity regarding changes across various operational aspects, ensuring that all staff have access to the most accurate and up-to-date information necessary for safe and efficient railroad operations.

10. Which of the following unusual occurrences must be reported to the train dispatcher?

A. Routine maintenance checks

B. Weather changes

C. Collisions and derailments

D. Upgrades to equipment

The requirement to report collisions and derailments to the train dispatcher is rooted in the principle of safety and operational integrity within railway operations. Such events can have severe implications for not only the operations of the railroad but also for the safety of personnel and the general public. When a collision or derailment occurs, immediate reporting allows the train dispatcher to take the necessary steps to mitigate further risk, manage the movement of other trains in the area, and coordinate a response that may include emergency services. This reporting is critical not just for immediate incident management but also for investigation and future prevention measures. While routine maintenance checks, weather changes, and upgrades to equipment may be important in their own right, they typically do not necessitate immediate emergency actions or intervention from a train dispatcher the way that a collision or derailment would. The latter represents a significant deviation from safe operational practices, which is why it must be prioritized in reporting protocols to ensure a swift response and ongoing safety for all railway operations.

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://norac.examzify.com

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