

NORTHEASTERN APPRENTICESHIP AND TRAINING (NEAT) 2-1 PRACTICE TEST (SAMPLE) STUDY GUIDE



SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

**VISIT US ONLINE FOR
THE FULL VERSION STUDY GUIDE**

<https://neat21.examzify.com>



Copyright © 2026 by Examzify - A Kaluba Technologies Inc. product.

ALL RIGHTS RESERVED.

No part of this book may be reproduced or transferred in any form or by any means, graphic, electronic, or mechanical, including photocopying, recording, web distribution, taping, or by any information storage retrieval system, without the written permission of the author.

Notice: Examzify makes every reasonable effort to obtain accurate, complete, and timely information about this product from reliable sources.

SAMPLE

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	15

SAMPLE

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

SAMPLE

- 1. Which of the following is a requirement for payment of dues?**
 - A. In arrears
 - B. In advance
 - C. Post-paid
 - D. Biannually
- 2. Who has the authority to approve work stoppages in a local union?**
 - A. The General Membership
 - B. The Local President
 - C. The Executive Committee
 - D. The International President
- 3. Which of the following motions can be debated and amended if previous notice has been given?**
 - A. To Adjourn
 - B. To Rescind
 - C. To Reconsider
 - D. To Call for Orders of the Day
- 4. For a wye connected device, how does the line voltage compare to the phase voltage?**
 - A. They are equal
 - B. Higher by a factor of 1.732
 - C. Lower by a factor of 1.732
 - D. Twice the phase voltage
- 5. What is the function of the Business Manager regarding the stewards?**
 - A. To manage finances
 - B. To appoint them as needed
 - C. To conduct evaluations
 - D. To enforce bylaws

6. What is the minimum age for eligibility for IBEW membership?

- A. 15
- B. 16
- C. 17
- D. 18

7. What is a round rotor also known as?

- A. Spiral rotor
- B. Turbo rotor
- C. Disk rotor
- D. Drum rotor

8. Frequency is measured in what unit?

- A. Decibels
- B. Pascals
- C. Hertz
- D. Watts

9. How many board members did the original NJATC have?

- A. 10
- B. 12
- C. 20
- D. 24

10. How are small kilovolt generators typically cooled?

- A. By water
- B. By oil
- C. By air
- D. By liquid nitrogen

Answers

SAMPLE

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

SAMPLE

Explanations

SAMPLE

1. Which of the following is a requirement for payment of dues?

- A. In arrears
- B. In advance**
- C. Post-paid
- D. Biannually

The requirement for payment of dues typically refers to the timing and method of payment. When dues are required to be paid "in advance," it means that payment must be made prior to receiving any benefits or services associated with the dues. This ensures that the organization receives necessary funding upfront to support its operations and activities. Payments made in advance are common in many memberships and organizations as they help with budgeting and planning. Members are typically informed of the dues structure, encouraging timely payments before specific deadlines or service availability. The other options, while they may describe potential payment arrangements, do not align with the standard requirement of pre-payment that is typically assured by paying dues "in advance."

2. Who has the authority to approve work stoppages in a local union?

- A. The General Membership
- B. The Local President
- C. The Executive Committee
- D. The International President**

The authority to approve work stoppages in a local union typically lies with the International President. This is because the International President oversees the broader union structure and is responsible for maintaining the union's integrity and strategic direction. Work stoppages are significant actions that can have wide-reaching implications for negotiations, labor relations, and organizational strategy. Therefore, having approval from the International President ensures that such decisions are aligned with the union's objectives and policies, and are made with consideration of the potential consequences for both the local union members and the organization as a whole. In contrast, while the General Membership, Local President, and Executive Committee play important roles in the union's operations and decision-making processes, their authority is generally more localized or specific to particular issues. The General Membership may vote on various matters, including resolutions about strikes, but this is often done within the framework set by the International union's guidelines. The Local President and Executive Committee may also facilitate discussions and propose actions but do not have the final authority to implement a work stoppage without higher-level approval.

3. Which of the following motions can be debated and amended if previous notice has been given?

- A. To Adjourn
- B. To Rescind**
- C. To Reconsider
- D. To Call for Orders of the Day

The motion to rescind is the option that can be debated and amended if previous notice has been given. When a member wants to rescind a motion, they can provide notice in advance to alert others of the intention to bring it up for discussion. This advanced notice allows members to prepare for the debate and contribute their thoughts on the matter. The ability to debate and amend is significant because it allows for a thorough examination of the reasons for rescinding a previous decision and provides an opportunity to propose modifications to the motion being rescinded. This process ensures transparency and encourages participation from the membership in discussions that could impact the organization or group. Other motions such as adjourning or calling for the orders of the day are typically more procedural and do not allow for extensive debate or amendments. A motion to reconsider is also different, as it is used to revisit a previously made decision without the same level of debate and amendment typically associated with rescinding a motion.

4. For a wye connected device, how does the line voltage compare to the phase voltage?

- A. They are equal
- B. Higher by a factor of 1.732**
- C. Lower by a factor of 1.732
- D. Twice the phase voltage

In a wye (or star) connected system, the relationship between the line voltage and the phase voltage is crucial for understanding how three-phase electrical systems operate. In such a configuration, each phase voltage is measured between one of the terminals and the neutral point. The line voltage, on the other hand, is the voltage measured between any two of the three lines. The mathematical relationship between line voltage (V_L) and phase voltage (V_P) in a wye connection is given by the formula: $V_L = \sqrt{3} \times V_P$. This results in the line voltage being higher than the phase voltage by a factor of approximately 1.732, which is the square root of 3. This relationship is essential in power systems to ensure proper voltage levels are maintained for equipment and for the efficient operation of the system. Understanding this ratio is vital for engineers and electricians working in three-phase systems, as it affects calculations related to power, load, and system design. Thus, the correct choice accurately reflects the fundamental properties of wye connected devices.

5. What is the function of the Business Manager regarding the stewards?

- A. To manage finances
- B. To appoint them as needed**
- C. To conduct evaluations
- D. To enforce bylaws

The function of the Business Manager in relation to the stewards centers around the responsibility of appointing them as needed. This role is essential because stewards serve as important representatives within the organization, ensuring that the members' interests are upheld and that there is effective communication between the membership and the leadership. By appointing stewards, the Business Manager ensures that there is adequate representation on various issues, fostering a collaborative environment. This appointment process often involves assessing the needs within the organization, determining where support is required, and selecting individuals who are best suited to take on the steward role. Understanding this function highlights the critical leadership and organizational responsibilities of the Business Manager in maintaining a structured and responsive labor environment.

6. What is the minimum age for eligibility for IBEW membership?

- A. 15
- B. 16**
- C. 17
- D. 18

The minimum age for eligibility for IBEW membership is 17. This age requirement is established to ensure that prospective members have reached a level of maturity and responsibility that is conducive to the demands of the electrical trade. By setting the minimum age at 17, the IBEW also aligns with various labor laws and educational requirements, allowing individuals at this age to engage in apprenticeships while still being able to graduate from high school. The age limit recognizes the need for apprentices to have not only foundational skills but also the maturity to work in potentially hazardous environments and to learn effectively from trainers. Thus, 17 is the suitable age at which individuals can begin their journey in the electrical field by joining the IBEW.

7. What is a round rotor also known as?

- A. Spiral rotor
- B. Turbo rotor**
- C. Disk rotor
- D. Drum rotor

A round rotor is commonly referred to as a turbo rotor. This term is widely used in the context of mechanical engineering and aerodynamics, particularly regarding components that operate within a turbocharger or similar systems. The turbo rotor is designed to efficiently manage the flow of air or gases, utilizing its shape to enhance performance and improve the overall efficiency of the system. Understanding the function of a turbo rotor is crucial, especially in applications related to automotive technology, where maximizing the power output from the engine's air intake system is essential. The distinction in terminology helps clarify the specific design characteristics and operational principles of round rotors in these contexts.

8. Frequency is measured in what unit?

- A. Decibels
- B. Pascals
- C. Hertz
- D. Watts

Frequency refers to the number of cycles of a periodic wave that occur in a given unit of time. In the International System of Units (SI), frequency is measured in hertz (Hz). One hertz is defined as one cycle per second, making it a direct measurement of how rapidly an event occurs over a time period. Decibels are used to express the intensity of sound; pascals are a unit of pressure; and watts measure power. While all of these are important in particular contexts, they do not measure frequency. Understanding the appropriate units for different physical quantities is crucial, as each unit relates specifically to a unique aspect of measurement in fields such as physics and engineering.

9. How many board members did the original NJATC have?

- A. 10
- B. 12
- C. 20
- D. 24

The original New Jersey Apprenticeship and Training Committee (NJATC) was established with a specified number of board members, which was 12. This number is significant as it reflects the structure and governance of the board at its inception, allowing for adequate representation and a balanced approach to overseeing apprenticeship training programs. The composition of the board plays a crucial role in ensuring diverse perspectives and expertise in decision-making processes, which is fundamental to the effectiveness of training initiatives. Therefore, the choice indicating 12 board members accurately represents the original organization's framework.

10. How are small kilovolt generators typically cooled?

- A. By water
- B. By oil
- C. By air
- D. By liquid nitrogen

Small kilovolt generators are commonly cooled by air due to a combination of efficiency, cost-effectiveness, and simplicity. Air cooling is a straightforward method that involves circulating ambient air around the generator components to dissipate heat generated during operation. This method is often used for smaller units where the heat output is manageable, and the infrastructure for more complex cooling systems, like water or oil cooling, may not be necessary or practical. Air-cooled systems are generally lighter and easier to maintain since they don't require additional fluids or complex piping systems. They are also less prone to leakage and contamination issues associated with liquid cooling systems, making them ideal for smaller, portable applications where reliability and maintenance ease are critical considerations. Therefore, air cooling aligns well with the practical needs of small kilovolt generators, contributing to their widespread use in various applications.

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://neat21.examzify.com>

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

SAMPLE