

2W151B Munitions Systems Journeyman Volume 1 Practice Test (Sample)

Study Guide



Everything you need from our exam experts!

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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. What should personnel prioritize to enhance munitions safety?**
 - A. Personal convenience over regulations**
 - B. Adhering to established safety protocols**
 - C. Minimizing communication with oversight bodies**
 - D. Altering safety measures for efficiency**

- 2. What is the maximum height of the mechanical ram assembly (MRA) when fully extended?**
 - A. 75 inches**
 - B. 83 inches**
 - C. 90 inches**
 - D. 95 inches**

- 3. Where are the controls for adjusting the side frame width of the MHU-83 lift truck located?**
 - A. At the rear of the truck**
 - B. Remote control station**
 - C. Operator's position only**
 - D. At the front console**

- 4. Which A/M 32A-86 control panel contains the gauges for monitoring output voltage and amperage?**
 - A. Auxiliary control**
 - B. Generator control**
 - C. External AC panel**
 - D. DC control panel**

- 5. What does the term "munition types" refer to?**
 - A. Categories of vehicles used in combat**
 - B. Categories of training exercises conducted for personnel**
 - C. Categories of munitions, such as bombs, missiles, and ammunition**
 - D. Categories of aircraft utilized in air operations**

- 6. What is the primary goal of munitions technical training?**
- A. To provide personnel with advanced combat strategies**
 - B. To equip personnel with safe and effective operational skills**
 - C. To enhance leadership abilities within munitions units**
 - D. To ensure proficiency in maintenance of equipment**
- 7. What component of the MHU-83 lift truck is used to lift the front wheels off the ground for side frame width adjustment?**
- A. Lift boom**
 - B. Support frame**
 - C. Hydraulic cylinder**
 - D. Stabilizer legs**
- 8. What inspection is crucial for maintaining the operational safety of the MHU-83 lift truck?**
- A. Fluid level checks**
 - B. Mechanical integrity inspections**
 - C. Weight capacity evaluations**
 - D. All of the above**
- 9. What is a primary function of the X-Y pads on the MHU trailers during operation?**
- A. Stabilizing the lift arms**
 - B. Allowing lateral and longitudinal adjustments**
 - C. Securing the tow bar**
 - D. Reducing air pressure**
- 10. What is the distance requirement exemption for fighter aircraft regarding the APU?**
- A. 5 feet**
 - B. 10 feet**
 - C. 50 feet**
 - D. None during combat operations**

Answers

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

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Explanations

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1. What should personnel prioritize to enhance munitions safety?

- A. Personal convenience over regulations**
- B. Adhering to established safety protocols**
- C. Minimizing communication with oversight bodies**
- D. Altering safety measures for efficiency**

Prioritizing adherence to established safety protocols is crucial for enhancing munitions safety. These protocols are designed based on extensive research, experience, and regulatory guidelines to effectively mitigate risks associated with the handling, storage, and usage of munitions. Following these protocols ensures that personnel are aware of potential hazards and equipped with the necessary guidelines to perform their duties safely. By focusing on safety protocols, personnel can minimize the likelihood of accidents and ensure a controlled environment, thus protecting themselves, their colleagues, and the public. A culture of safety within munitions operations relies heavily on strict compliance with regulations and standards, reinforcing a collective commitment to safe practices. In contrast, prioritizing personal convenience, minimizing communication with oversight bodies, or altering safety measures for efficiency undermines the core objectives of munitions safety and can lead to dangerous outcomes. Such actions compromise the safety net that established protocols provide, increasing the risk of accidents and incidents.

2. What is the maximum height of the mechanical ram assembly (MRA) when fully extended?

- A. 75 inches**
- B. 83 inches**
- C. 90 inches**
- D. 95 inches**

The maximum height of the mechanical ram assembly (MRA) when fully extended is 83 inches. This value is determined by the specifications provided for the MRA, which are crucial for various operational and maintenance procedures within munitions systems. Knowing the precise height ensures that personnel can safely operate equipment in environments with height restrictions and apply the necessary measures when loading or unloading munitions. Understanding these specifications is important for ensuring both functionality and safety in munitions operations.

3. Where are the controls for adjusting the side frame width of the MHU-83 lift truck located?

- A. At the rear of the truck**
- B. Remote control station**
- C. Operator's position only**
- D. At the front console**

The controls for adjusting the side frame width of the MHU-83 lift truck are located at the operator's position. This is designed for the operator's convenience and safety, allowing them to make adjustments while remaining in the primary control area of the lift truck. This ensures that the operator has direct control over the adjustments and can immediately respond to any operational needs or changes in the situation. While some systems might have controls located in other areas such as the rear of the truck, a remote control station, or at a front console, the direct placement of controls at the operator's position provides the most effective and intuitive operation. Keeping the controls within reach of the operator enhances safety and operational efficiency, which is crucial in munitions handling where precise and rapid adjustments are often necessary.

4. Which A/M 32A-86 control panel contains the gauges for monitoring output voltage and amperage?

- A. Auxiliary control**
- B. Generator control**
- C. External AC panel**
- D. DC control panel**

The correct answer is the generator control panel because it is specifically designed to monitor the output voltage and amperage of the generator. This panel provides crucial information about the electrical performance of the system, allowing operators to ensure that the generator is functioning correctly and providing the appropriate power levels. The generator control panel typically features gauges that display real-time readings, making it easy for technicians to assess generator performance at a glance. This monitoring capability is essential for maintaining safety and efficiency during operations. In contrast, while the other panels serve important roles in managing different aspects of the equipment, they do not specifically focus on the output voltage and current monitoring of the generator. The auxiliary control panel might manage other functions or auxiliary systems, the external AC panel is more for connections and output distribution, and the DC control panel would deal mainly with direct current systems rather than the generator's output parameters.

5. What does the term "munition types" refer to?

- A. Categories of vehicles used in combat**
- B. Categories of training exercises conducted for personnel**
- C. Categories of munitions, such as bombs, missiles, and ammunition**
- D. Categories of aircraft utilized in air operations**

The term "munition types" specifically refers to various categories of munitions, which include items such as bombs, missiles, and ammunition. This classification is essential in the field of munitions systems as it helps in identifying the different types of ordnance utilized in military operations. Understanding these categories allows personnel to manage, store, and deploy munitions effectively based on their specific characteristics and intended uses. This knowledge is crucial for ensuring operational readiness and safety during missions. In contrast, the other options relate to different aspects of military operations, but do not accurately define "munition types." For example, vehicles used in combat fall under logistics and mobility, training exercises focus on personnel readiness, and aircraft categories pertain to air power rather than munitions themselves. Thus, the correct answer effectively encapsulates the definition of munition types within the context of munitions systems.

6. What is the primary goal of munitions technical training?

- A. To provide personnel with advanced combat strategies**
- B. To equip personnel with safe and effective operational skills**
- C. To enhance leadership abilities within munitions units**
- D. To ensure proficiency in maintenance of equipment**

The primary goal of munitions technical training is to equip personnel with safe and effective operational skills. This focus ensures that those responsible for handling munitions possess the necessary knowledge and abilities to operate safely within potentially hazardous environments. Proper training emphasizes the importance of safety protocols and operational effectiveness, which is crucial given the nature of munitions handling and its associated risks. By fostering these skills, the training prepares personnel to execute their duties reliably and in compliance with safety regulations, ultimately reducing the risk of accidents and enhancing overall mission success. While advanced combat strategies, leadership abilities, and maintenance proficiency are significant aspects of a military technician's development, they serve more as supplementary components to the core objective of ensuring safe and effective operational capabilities within the munitions field.

7. What component of the MHU-83 lift truck is used to lift the front wheels off the ground for side frame width adjustment?

- A. Lift boom**
- B. Support frame**
- C. Hydraulic cylinder**
- D. Stabilizer legs**

The lift boom is the component of the MHU-83 lift truck specifically designed to lift the front wheels off the ground, facilitating side frame width adjustment. Its primary function is to raise the front end, allowing personnel to make necessary adjustments to the width of the side frames with greater ease and safety. In this context, while the support frame, hydraulic cylinder, and stabilizer legs play essential roles in the overall operation of the lift truck, they do not directly perform the task of lifting the front wheels, which is crucial for achieving the required side frame adjustments. The hydraulic cylinder is responsible for providing the necessary force for lifting, but it is the lift boom itself that engages in that specific action, making it the correct component to address this particular need.

8. What inspection is crucial for maintaining the operational safety of the MHU-83 lift truck?

- A. Fluid level checks**
- B. Mechanical integrity inspections**
- C. Weight capacity evaluations**
- D. All of the above**

The importance of conducting all of the listed inspections on the MHU-83 lift truck stems from ensuring the operational safety and effectiveness of the equipment. Each inspection serves a critical role in identifying potential issues that could lead to malfunctions or accidents during use. Fluid level checks are essential to ensure that all hydraulic systems function correctly. Low fluid levels can lead to insufficient power, increased wear and tear, and potentially catastrophic failure when lifting munitions. Mechanical integrity inspections focus on examining structural and component integrity, including the frame, lifting mechanism, and wheels. Any deterioration or damage in these areas can compromise the safety of personnel and the equipment during lifting operations. Weight capacity evaluations are vital to ensure that the lift truck is used within its designed limits. Overloading the truck can lead to instability, risking tipping or mechanical failure. Since all these inspections work in tandem to ensure operational safety, it's crucial to carry out each one systematically. Thus, the comprehensive approach reflected in the choice is necessary for maintaining the MHU-83 lift truck's safety and functionality.

9. What is a primary function of the X-Y pads on the MHU trailers during operation?

A. Stabilizing the lift arms

B. Allowing lateral and longitudinal adjustments

C. Securing the tow bar

D. Reducing air pressure

The primary function of the X-Y pads on the MHU trailers is to allow lateral and longitudinal adjustments. These pads are crucial during the operation of the trailer, as they help provide stability and level the equipment when loading or unloading munitions. By being able to adjust both laterally (side to side) and longitudinally (front to back), operators can ensure that the trailer is properly positioned and balanced, thereby enhancing safety and effectiveness during munitions handling and transportation. This capability is vital for maintaining operational efficiency and preventing any operational hazards that may arise from an improperly positioned trailer.

10. What is the distance requirement exemption for fighter aircraft regarding the APU?

A. 5 feet

B. 10 feet

C. 50 feet

D. None during combat operations

For fighter aircraft, the distance requirement exemption concerning the Auxiliary Power Unit (APU) is specifically indicated as "none during combat operations." This means that when a fighter is engaged in combat operations, there are no established minimum distance guidelines that apply to the operation of the APU, reflecting the urgent operational needs that can arise in combat scenarios. In combat situations, the operational readiness and immediate functionality of the aircraft are prioritized, and the typical safety distance protocols for APUs may be waived to facilitate quick response times and maintain available power for critical systems. This exemption underscores the necessity for flexibility in operational procedures when circumstances are demanding and mission-critical. Understanding this exemption helps crew members to effectively balance safety protocols with the pressing needs of combat readiness. The other options suggest specific distance requirements which do not apply in the context of active combat, thereby emphasizing that the unique operational environment of combat necessitates different considerations.

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://2w151bvol1.examzify.com>

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

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