

# United Knowledge Validation 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. Which statement accurately describes the B737-700's OWE window exits?**
  - A. There are no OWE exits**
  - B. OWE exits are located at rear doors**
  - C. There are two OWE window exits on the B737-700**
  - D. OWE window exits require life vests**
  
- 2. Two fair coins are tossed. What is the probability of obtaining at least one head?**
  - A. 1/4**
  - B. 1/2**
  - C. 3/4**
  - D. 0**
  
- 3. What is a synonym for 'mitigate'?**
  - A. Lessen**
  - B. Ease**
  - C. Alleviate**
  - D. Reduce**
  
- 4. A product priced at 120 is discounted by 25%. What is the sale price?**
  - A. 90**
  - B. 120**
  - C. 85**
  - D. 95**
  
- 5. What is the FAA minimum cabin crew for the Boeing 737-800 and 737-900?**
  - A. 3**
  - B. 4**
  - C. 5**
  - D. 6**

- 6. The MSY airport serves which city?**
- A. Atlanta**
  - B. Houston**
  - C. Miami**
  - D. New Orleans**
- 7. If a coworker shares a file containing confidential data, what is the appropriate course of action?**
- A. Delete it and ignore**
  - B. Share only with supervisor**
  - C. Do not share; follow policy and report as needed**
  - D. Post to company chat**
- 8. How many cabin exits are there on the B737-800 and B737-900?**
- A. 6**
  - B. 8**
  - C. 4**
  - D. 2**
- 9. The B737-700 has how many total exits?**
- A. 6**
  - B. 8**
  - C. 9**
  - D. 10**
- 10. Which ELT types are specified as requiring an additional preflight safety check?**
- A. TechTest and TechTest Type 2 ELT**
  - B. 406 MHz ELT**
  - C. 121.5 MHz ELT**
  - D. All ELTs**

## Answers

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

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## **Explanations**

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1. Which statement accurately describes the B737-700's OWE window exits?

- A. There are no OWE exits
- B. OWE exits are located at rear doors
- C. There are two OWE window exits on the B737-700**
- D. OWE window exits require life vests

Over-wing exits are emergency exits located above the wing that allow passengers to evacuate onto the wing surface. On the B737-700, there are two of these window exits—one on each side—designed to be opened from inside for a quick escape. They are not at the rear doors, and operating them does not require life vests. Life vests are for flotation in a ditching scenario, not for using the window exits. So the statement that there are two OWE window exits on the B737-700 is the best description.

2. Two fair coins are tossed. What is the probability of obtaining at least one head?

- A. 1/4
- B. 1/2
- C. 3/4**
- D. 0

This question tests understanding of probability with independent events and using the complement rule. With two fair coins, there are four equally likely outcomes: HH, HT, TH, TT. "At least one head" includes everything except TT, so three outcomes work out of four, giving a probability of 3/4. Another way to see it is by the complement: the chance of no heads is both tails, which is  $(1/2) \times (1/2) = 1/4$ , and  $1 - 1/4 = 3/4$ . So the probability is 3/4.

3. What is a synonym for 'mitigate'?

- A. Lessen
- B. Ease
- C. Alleviate
- D. Reduce**

Mitigate means to reduce the severity, seriousness, or impact of something. Among the options, reduce is the most precise match because it directly conveys lowering the extent or magnitude of a problem, which is exactly what mitigation aims to do. Lessen and alleviate are close in meaning, but alleviate often implies relief from pain or burden, and ease focuses more on comfort rather than decreasing the underlying harm. So the best fit for the concept is reduce.

**4. A product priced at 120 is discounted by 25%. What is the sale price?**

- A. 90**
- B. 120**
- C. 85**
- D. 95**

Understanding discounts: a 25% reduction means you keep 75% of the original price. So multiply 120 by 0.75 to get the sale price:  $120 \times 0.75 = 90$ . The sale price is 90 because 25% of 120 is 30, and  $120 - 30 = 90$ . The other numbers would correspond to either no discount (120) or different discount amounts that don't equal 25% of 120.

**5. What is the FAA minimum cabin crew for the Boeing 737-800 and 737-900?**

- A. 3**
- B. 4**
- C. 5**
- D. 6**

The rule being tested is how the FAA determines the minimum number of cabin crew based on passenger seating. The standard guideline is one flight attendant for every 50 passenger seats, or a fraction thereof. This ensures enough staff to assist passengers and manage an evacuation if needed. For the Boeing 737-800 and 737-900, common configurations seat about 180-190 passengers. Dividing 189 by 50 gives 3.78, which rounds up to 4. So the FAA minimum for these aircraft in typical layouts is four cabin crew members. If an aircraft had fewer seats (say 150 or fewer), three would suffice; if there were more seats (over 200), five or more might be required depending on the exact count.

**6. The MSY airport serves which city?**

- A. Atlanta**
- B. Houston**
- C. Miami**
- D. New Orleans**

IATA airport codes map to the airport and the city it serves. MSY designates Louis Armstrong New Orleans International Airport, located near New Orleans, Louisiana, so it serves New Orleans. The MSY code comes from the airport's historical name, Moisant Field, but today it identifies the New Orleans area.

**7. If a coworker shares a file containing confidential data, what is the appropriate course of action?**

- A. Delete it and ignore
- B. Share only with supervisor
- C. Do not share; follow policy and report as needed**
- D. Post to company chat

Handling confidential data responsibly means following the organization's privacy policies and escalation procedures whenever sensitive information is exposed. When you see a coworker share a file with confidential data, the right move is to stop any further sharing, and report the incident through the proper channels outlined in policy—such as informing your supervisor or the designated security/privacy team and filing any required incident report. This ensures the situation is contained, the right people assess the risk, and appropriate remediation steps are taken, all while preserving evidence for accountability and compliance. Deleting or ignoring the incident, or posting the data in a chat, would risk further exposure and violate policy. Limiting disclosure to just a supervisor might bypass formal reporting and monitoring processes that guide proper response, and sharing broadly would violate confidentiality and legal requirements.

**8. How many cabin exits are there on the B737-800 and B737-900?**

- A. 6
- B. 8**
- C. 4
- D. 2

In evacuation planning, you count every exit point people can use to leave the cabin, including both doors and any overwing exits. For the 737-800 and 737-900, there are four main passenger doors (two forward on each side and two aft on each side) plus four overwing emergency exits (two per side). Add those up and you get eight cabin exits in total.

**9. The B737-700 has how many total exits?**

- A. 6
- B. 8**
- C. 9
- D. 10

Think about how many escape points are available for a quick evacuation. The B737-700 is normally laid out with two forward doors and two aft doors—one door on each side of the fuselage for entering and exiting. In addition, there are two overwing emergency exits on each side, which adds four more exit points. When you add all of these together, you get eight exits in total. This configuration provides enough egress capacity to meet safety requirements for the aircraft's seating and certification.

**10. Which ELT types are specified as requiring an additional preflight safety check?**

- A. TechTest and TechTest Type 2 ELT**
- B. 406 MHz ELT**
- C. 121.5 MHz ELT**
- D. All ELTs**

Understanding when an extra preflight safety check is required for ELTs, especially test-type units. TechTest and TechTest Type 2 ELTs are designed for testing and maintenance, not regular distress signaling. Because they can be configured to transmit in test modes or in ways that might look like a real emergency, an additional preflight safety check is specified to verify they are correctly set to test mode and will not trigger false distress alerts or confuse search-and-rescue authorities during flight. The 406 MHz ELT and the 121.5 MHz ELT are standard distress beacons used in actual emergencies and follow normal preflight procedures; they don't require this extra test-mode safety check. Therefore, only the TechTest variants need that additional step.

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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](mailto:hello@examzify.com).**

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

**<https://unitedknowledgevalidation.examzify.com>**

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

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