

IREB FOUNDATION LEVEL PRACTICE EXAM (SAMPLE)

STUDY GUIDE

```
data = True
# tipe data khusus (complex)
data_complex = complex(5,6)
print("data : ", data_boolean, type(data_
bisa menggunakan tipe data dari bahasa c
import ctypes
_c_double = ctypes.CFUNCTYPE(ctypes.c_double)
data : "
```

SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

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THE FULL VERSION STUDY GUIDE

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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 is the ideal time to incorporate usability into the product development process?**
 - A. After the functionality has been implemented and verified
 - B. After the non-functional capabilities have been implemented and verified
 - C. After the user stories have been assessed
 - D. Usability should be built in from the initiation of the project
- 2. What should guide the terminology used in requirements documentation?**
 - A. The personal preference of the writer.
 - B. Industry standards and glossaries.
 - C. Feedback from non-technical users.
 - D. Length of the document.
- 3. What is the best definition of a sentence-template in the context of requirements?**
 - A. A sentence-template is a blueprint for a requirement.
 - B. A sentence-template is a blueprint for the semantic filling of the individual requirement elements.
 - C. A sentence-template is a blueprint for the syntax and semantics of a requirement.
 - D. A sentence-template is a blueprint for the syntactical structure of an individual requirement.
- 4. Why is it critical to have documented requirements?**
 - A. They enhance the marketing strategy of the project
 - B. They ensure the requirements can be covered by test cases
 - C. They provide proof of stakeholder involvement
 - D. They simplify the project management process
- 5. In requirements prioritization, which criterion is considered unsuitable?**
 - A. Impact on the operational system
 - B. Effort required for validation
 - C. Overall success influence
 - D. Costs of requirements implementation

- 6. You need to elicit requirements from a large set of potential users in a limited time. Which technique would be best?**
- A. Closed-ended questionnaire
 - B. Closed-ended interview
 - C. Brainstorming
 - D. Prototyping
- 7. Which of the following is a true statement regarding the requirements baseline?**
- A. It is the starting point for the requirements
 - B. The requirements are baselined when the project is complete and approved by the customer
 - C. It can be considered a contract between the customer and the rest of the project team
 - D. It is the point from which the developers begin to make changes to create an implementation project
- 8. Which of the following is a reason for prioritizing requirements?**
- A. To decide which requirements are to be implemented in the next release
 - B. To decide on which requirements to focus first in testing
 - C. To document how much it would cost to implement a requirement
 - D. To recognize which requirements can be reused
- 9. If you have old documentation from a system to be replaced and no running version exists, what is the best technique to leverage this information?**
- A. You shouldn't use the documentation because its accuracy is uncertain
 - B. Document analysis
 - C. Surveying the available information
 - D. Interface analysis
- 10. What is the result of ineffective requirements management?**
- A. Streamlined development processes
 - B. Increased project costs and timelines
 - C. Strong stakeholder relationships
 - D. Accurate project deliverables

Answers

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

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Explanations

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1. When is the ideal time to incorporate usability into the product development process?

- A. After the functionality has been implemented and verified
- B. After the non-functional capabilities have been implemented and verified
- C. After the user stories have been assessed

D. Usability should be built in from the initiation of the project

Incorporating usability from the initiation of the project is essential because it ensures that user needs and expectations are considered throughout the entire development lifecycle. By embedding usability early on, teams can gather user feedback, identify potential issues, and refine requirements to create a product that is not only functional but also user-friendly. Early attention to usability fosters a user-centered design approach, which increases the likelihood of delivering a product that meets the target users' preferences and enhances their satisfaction. This proactive stance aids in minimizing costly changes later in the process, as usability issues are easier to address when they are integrated into design and development from the start. It promotes collaboration between stakeholders, designers, and developers, ensuring that everyone involved has a common understanding of user experience goals. Ultimately, this leads to more efficient development cycles and a higher quality product that aligns with user expectations.

2. What should guide the terminology used in requirements documentation?

- A. The personal preference of the writer.
- B. Industry standards and glossaries.**
- C. Feedback from non-technical users.
- D. Length of the document.

The terminology used in requirements documentation should be guided by industry standards and glossaries because this ensures clarity, consistency, and shared understanding among all stakeholders involved in a project. Industry standards provide a common language that professionals in a specific field recognize, which helps to reduce ambiguity and misinterpretation of terms. Utilizing established glossaries also allows writers to align their documentation with widely accepted definitions, making it easier for both technical and non-technical stakeholders to understand the requirements. This can enhance communication and collaboration among team members, as well as with clients and end-users, resulting in a more effective and efficient development process. The other options, such as personal preference, feedback from non-technical users, or the length of the document, do not provide a solid foundation for consistent and precise terminology in requirements documentation. Personal preferences may vary greatly among individuals, leading to inconsistency. Feedback from non-technical users can be valuable in understanding their perspective but may not address the technical distinctions that must be maintained. Focusing on document length may also overlook the importance of using the right terminology for the sake of accuracy and clarity.

3. What is the best definition of a sentence-template in the context of requirements?

- A. A sentence-template is a blueprint for a requirement.
- B. A sentence-template is a blueprint for the semantic filling of the individual requirement elements.
- C. A sentence-template is a blueprint for the syntax and semantics of a requirement.
- D. A sentence-template is a blueprint for the syntactical structure of an individual requirement.**

A sentence-template serves as a structured framework that establishes the syntactical arrangement of a requirement. In requirements engineering, templates provide a consistent way to compose requirements, ensuring that they are clear and follow a uniform structure. This clarity is crucial for stakeholders who need to understand requirements without ambiguity. In this context, the focus on syntactical structure suggests that a sentence-template is designed to guide the organization of words and phrases in a requirement to maintain consistency and readability. By using a predefined structure, it helps drafters avoid variations that could lead to misunderstandings or misinterpretation of what is required. The emphasis on syntax implies a focus on how the requirement is constructed linguistically, which plays a significant role in effectively communicating the needs and expectations of stakeholders. Thus, understanding that a sentence-template specifically addresses the arrangement of these elements helps recognize its importance in the requirements development process.

4. Why is it critical to have documented requirements?

- A. They enhance the marketing strategy of the project
- B. They ensure the requirements can be covered by test cases**
- C. They provide proof of stakeholder involvement
- D. They simplify the project management process

Documented requirements play a vital role in ensuring that the requirements can be adequately covered by test cases, which is crucial for effective software testing. When requirements are well-documented, they provide a clear and precise foundation for what is to be developed. This clarity allows for the creation of test cases that are aligned directly with the documented needs and expectations of stakeholders. Having clear documentation helps both developers and testers understand the scope and intent of each requirement, facilitating the development of comprehensive test scenarios that effectively validate whether the delivered product meets the initial expectations. If requirements are not documented properly, there is a significant risk of misunderstandings or omissions, which can lead to gaps in testing and, ultimately, unsatisfactory deliverables. While the other options might have their own relevance within a project context—such as marketing strategies, stakeholder involvement, or project management simplification—they do not capture the core importance of documented requirements as directly linked to the validation of the specified functionalities through testing. Thus, focusing on the alignment of requirements with test cases highlights why proper documentation is essential in the overall quality assurance process.

5. In requirements prioritization, which criterion is considered unsuitable?

- A. Impact on the operational system
- B. Effort required for validation**
- C. Overall success influence
- D. Costs of requirements implementation

In the context of requirements prioritization, assessing the "Effort required for validation" is generally considered unsuitable as a standalone criterion. This is because prioritization should focus on how the requirements will benefit the project or contribute to the overall success of the system, rather than the complexity or effort involved in validating those requirements. Prioritization typically considers factors that reflect the value and impact of each requirement on the project outcome. Criteria like the impact on the operational system, the influence on overall success, and the costs of implementation are all integral to understanding how critical a requirement is to meeting business objectives and ensuring system effectiveness. These aspects directly correlate with the value that a requirement brings to stakeholders and the organization. On the other hand, the effort required for validation is more about the internal processes of ensuring that a requirement is correctly implemented and does not necessarily reflect the strategic value or priority level of that requirement. As a result, this criterion does not align with the primary objectives of prioritization, which emphasize the value and impact of requirements rather than the associated workload for validation tasks.

6. You need to elicit requirements from a large set of potential users in a limited time. Which technique would be best?

- A. Closed-ended questionnaire**
- B. Closed-ended interview
- C. Brainstorming
- D. Prototyping

Using a closed-ended questionnaire is the most effective technique for eliciting requirements from a large set of potential users within a limited timeframe. This method allows for the collection of information from many respondents simultaneously, making it time-efficient and scalable. Since the questions are structured with predefined answers, respondents can complete the questionnaire quickly, and this format simplifies data analysis. The closed-ended questionnaire provides quantifiable data, which can be readily aggregated and analyzed to identify trends, preferences, and needs among the user population. This is particularly beneficial when the goal is to gather specific information from a diverse group in a short period since the rigid structure minimizes the variation in responses, leading to clearer insights into user requirements. Other techniques, while useful in different contexts, do not match the effectiveness of a closed-ended questionnaire in this scenario. For instance, closed-ended interviews often allow for deeper insights but can be time-intensive and may not reach as many users quickly. Brainstorming encourages creativity and idea generation but typically involves fewer participants and can be less structured, potentially making it less effective for gathering specific requirements from a large audience. Prototyping is valuable for visualizing concepts and refining solutions through feedback, but it is more iterative and time-consuming than simply gathering initial requirements.

7. Which of the following is a true statement regarding the requirements baseline?

- A. It is the starting point for the requirements
- B. The requirements are baselined when the project is complete and approved by the customer
- C. It can be considered a contract between the customer and the rest of the project team**
- D. It is the point from which the developers begin to make changes to create an implementation project

The statement that the requirements baseline can be considered a contract between the customer and the rest of the project team is accurate because it reflects the nature of how requirements baselines function in project management and systems engineering. A requirements baseline is established when the stakeholders agree upon and document the requirements for the project. This baselining signifies that all parties involved recognize and accept these requirements as the foundation for further development and implementation activities. When the baseline is created, it aligns the expectations and commitments of both the customer and the project team. It serves as a reference point for what needs to be delivered, thus helping to manage any changes or modifications to these initial requirements throughout the project lifecycle. If any amendments to the requirements are proposed later, they must be examined in the context of this baseline to ensure that all parties continue to agree on what constitutes project success. Having a clearly defined requirements baseline reduces confusion and potential conflict, as it delineates the responsibilities and expectations of all parties involved, resembling a contractual agreement within the project framework.

8. Which of the following is a reason for prioritizing requirements?

- A. To decide which requirements are to be implemented in the next release**
- B. To decide on which requirements to focus first in testing
- C. To document how much it would cost to implement a requirement
- D. To recognize which requirements can be reused

Prioritizing requirements is essential for effective project management and successful outcomes, particularly in the context of software development and systems engineering. The correct answer highlights the importance of determining which requirements will be implemented in the next release. When prioritization occurs, it allows stakeholders to identify and focus on the most critical features and capabilities that need to be developed and delivered first. This helps in aligning the development process with business goals, user needs, and resource allocation, ensuring that the most valuable requirements are addressed promptly. Prioritization also facilitates better planning and scheduling, leading to improved project timelines and customer satisfaction. While other options touch on relevant aspects of requirements management, they do not address the core purpose of prioritizing requirements. Focusing on what to implement in the next release is fundamental for leading the development efforts in a structured and goal-oriented manner.

9. If you have old documentation from a system to be replaced and no running version exists, what is the best technique to leverage this information?

- A. You shouldn't use the documentation because its accuracy is uncertain
- B. Document analysis**
- C. Surveying the available information
- D. Interface analysis

Utilizing old documentation through document analysis is a highly effective technique in this scenario. Document analysis involves a thorough examination of existing documentation to extract valuable insights about the system that has been in place. This can include understanding the functionality, processes, and requirements that were previously implemented. Although the system itself may no longer be running, the documentation can still provide a wealth of information regarding its architecture, workflows, and user interactions. By dissecting this material, stakeholders can gain a deep understanding of what the old system aimed to achieve and how it operated. This understanding can then guide the development of the new system, ensuring that important features are preserved or enhanced and that previous shortcomings are addressed. In contrast, options such as discarding the documentation due to concerns about its accuracy overlook the potential value that can still be gained from analyzing historical information. Surveys might collect more recent perspectives but could miss essential details that are already documented. Interface analysis typically focuses on understanding how different systems interact rather than evaluating the functional legacy of the system, making it less relevant in this context. Thus, document analysis stands out as the best method for effectively leveraging the information from old documentation in the absence of a running system version.

10. What is the result of ineffective requirements management?

- A. Streamlined development processes
- B. Increased project costs and timelines**
- C. Strong stakeholder relationships
- D. Accurate project deliverables

Ineffective requirements management can lead to increased project costs and extended timelines. This happens because when requirements are not clearly defined, prioritized, or communicated, it often results in misunderstandings, rework, and scope changes throughout the project lifecycle. As a result, teams may need to spend additional time to clarify requirements, correct errors, or manage changes that could have been avoided with effective requirements management. This not only lengthens the development process but also adds to the overall costs associated with the project. In contrast, streamlined development processes, strong stakeholder relationships, and accurate project deliverables are outcomes typically associated with effective requirements management. When requirements are well-managed, teams can work more efficiently, leading to better collaboration and fewer costly mistakes.

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://irebfoundationlevel.examzify.com>

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

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