

BICSI REGISTERED TELECOMMUNICATIONS PROJECT MANAGER (RTPM) PRACTICE EXAM (SAMPLE) STUDY GUIDE



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. Who can demand that an excavator locates utilities?**
 - A. Private property owner
 - B. General contractor
 - C. Client
 - D. City inspector
- 2. Which statement best describes the Project Manager's role in overseeing safety plans?**
 - A. Ensure compliance with a single safety protocol
 - B. Educate all contractors about worker safety
 - C. Facilitate the development of individual contractor safety plans
 - D. Exclude safety from project scope
- 3. What is the first step in a Risk Management Plan?**
 - A. Determine project budget constraints
 - B. Identify risks
 - C. Compile a project timeline
 - D. Engage all project stakeholders
- 4. Which organization is responsible for publishing Tri-Service Plotting Guidelines?**
 - A. National Institute of Building Science
 - B. Tri-Service Armed Forces
 - C. American Institute of Architects
 - D. Construction Specifications Institute
- 5. When should testing requirements be discussed with the owner or contractor?**
 - A. After work completion
 - B. Before work begins
 - C. During project execution
 - D. After the design phase

- 6. What authority does the owner have in relation to project management during construction?**
- A. Terminate the project at any time
 - B. Implement changes without consulting
 - C. Approve final designs
 - D. Manage subcontractors directly
- 7. What type of contract primarily favors negotiated pricing with lower bids?**
- A. Value Engineering
 - B. Cost Plus Fee
 - C. Unit Price
 - D. Stipulated Sum
- 8. When submitting a change order, what should you keep for records?**
- A. Original
 - B. Advice from stakeholders
 - C. Engineering documents
 - D. Client feedback
- 9. A good qualitative risk analysis would qualify risks based on what factors?**
- A. Employee satisfaction and stakeholder engagement
 - B. Impact on cost, time, and quality
 - C. Market conditions and trends
 - D. Data privacy and cybersecurity
- 10. Which document typically includes sketches, graphics, and cost estimates for an owner?**
- A. Construction Document
 - B. Design Development
 - C. Schematic Design
 - D. Engineering Report

Answers

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

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Explanations

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1. Who can demand that an excavator locates utilities?

A. Private property owner

B. General contractor

C. Client

D. City inspector

The correct answer identifies the private property owner as having the authority to demand that an excavator locates utilities. When excavation work is planned on private property, the owner has a vested interest in ensuring that no damage occurs to underground utilities, which can include water, gas, electricity, and communication lines. Enforcing safety and compliance measures is paramount for the property owner, and they are responsible for knowing the layout of these utilities before work begins. Utility locating is crucial to avoid accidental damage during excavation, which can lead to service interruptions, safety hazards, and costly repairs. While other parties, such as a general contractor or client, may have a role in overseeing the project or managing operations, the ultimate responsibility and authority regarding access to the property and ensuring safety precautions are in place lie with the private property owner. City inspectors typically focus on compliance with local codes and regulations rather than directly overseeing utility location requests unless it pertains to public safety or legal requirements. Thus, the property owner is in the best position to assert the need for utility locating prior to excavation activities on their land.

2. Which statement best describes the Project Manager's role in overseeing safety plans?

A. Ensure compliance with a single safety protocol

B. Educate all contractors about worker safety

C. Facilitate the development of individual contractor safety plans

D. Exclude safety from project scope

The role of a Project Manager in overseeing safety plans is best described by facilitating the development of individual contractor safety plans. This is crucial because each contractor may have their own procedures, risks, and requirements regarding safety that align with the overall project scope and site conditions. By facilitating these plans, the Project Manager ensures that all contractors are on the same page regarding safety practices, promoting a cohesive and comprehensive safety culture across the project. This approach also allows the Project Manager to tailor safety strategies specific to the unique tasks and environments each contractor will be working in. It involves collaboration and leveraging the specific expertise of each contractor to ensure that their safety protocols not only comply with overarching safety regulations but also adequately address the specific circumstances of the project. In contrast, simply ensuring compliance with a single safety protocol would limit the effectiveness of safety measures, as different contractors may face various hazards that require distinct approaches. Educating all contractors about worker safety is important, but it does not address the specificity needed in individual safety plans. Excluding safety from the project scope is contrary to best practices and can lead to increased risk and liability on the project. Overall, facilitating individual contractor safety plans ensures a more flexible and effective safety management approach.

3. What is the first step in a Risk Management Plan?

- A. Determine project budget constraints
- B. Identify risks**
- C. Compile a project timeline
- D. Engage all project stakeholders

The first step in a Risk Management Plan is identifying risks. This initial step is crucial because it lays the foundation for the entire risk management process. By identifying risks, project managers can recognize potential obstacles that could affect the project's success. This involves analyzing the project environment, understanding the project scope, and considering both internal and external factors that might pose risks. Once risks are identified, project managers can assess their potential impact and likelihood, prioritize them, and develop strategies to mitigate or respond to these risks. Without this step, the project team may overlook significant threats, potentially compromising the project's overall success. Identifying risks also allows for better planning and resource allocation, as the team can prepare for potential issues upfront rather than reacting to them as they arise.

4. Which organization is responsible for publishing Tri-Service Plotting Guidelines?

- A. National Institute of Building Science
- B. Tri-Service Armed Forces**
- C. American Institute of Architects
- D. Construction Specifications Institute

The Tri-Service Plotting Guidelines are specifically published by the Tri-Service Armed Forces, which refers to the collaborative effort among the Army, Navy, and Air Force. These guidelines provide a standardized approach to plotting and presenting data related to military construction and operations. The focus is on ensuring consistency and clarity in technical documents across the different branches of the military. The other organizations mentioned, while significant within the fields of architecture and construction, do not have the mandate or authority to publish these specific guidelines. The National Institute of Building Science, for example, typically addresses broader building science principles, while the American Institute of Architects and the Construction Specifications Institute focus on architectural practices and technical specifications, respectively. Their work does not specifically pertain to military plotting standards, which is the domain of the Tri-Service Armed Forces.

5. When should testing requirements be discussed with the owner or contractor?

- A. After work completion
- B. Before work begins**
- C. During project execution
- D. After the design phase

Discussing testing requirements with the owner or contractor before work begins is crucial for several reasons. First and foremost, it ensures that all parties have a clear understanding of the quality standards and specifications that need to be met, which helps to set realistic expectations from the outset. This preemptive discussion allows for the identification of any specific testing methods, equipment, or protocols that need to be in place prior to commencement, thus preventing potential delays or conflicts during the execution phase. Engaging stakeholders in these conversations early on fosters collaboration and transparency, creating a shared sense of accountability. Furthermore, addressing testing requirements up front allows for any logistical considerations—such as access to testing equipment or the scheduling of inspections—to be factored into project planning. This proactive approach minimizes the risk of overlooking essential tests that might be required for compliance with codes and standards, ultimately leading to a smoother project delivery. In contrast, discussing testing requirements after work completion or during project execution could result in misunderstandings, last-minute adjustments, or rework, which can be costly and time-consuming. Similarly, waiting until after the design phase might limit the ability to adequately address any necessary design modifications influenced by testing outcomes. Thus, handling testing discussions prior to the start of work is the most effective strategy.

6. What authority does the owner have in relation to project management during construction?

- A. Terminate the project at any time**
- B. Implement changes without consulting
- C. Approve final designs
- D. Manage subcontractors directly

The owner's authority in project management during construction includes the right to terminate the project at any time. This decision is typically guided by the contractual agreements in place, which outline the owner's rights concerning project progression and the conditions under which they can decide to cease work. When an owner exercises this authority, it is often based on factors such as budget constraints, project delays, or dissatisfaction with the contractor's performance. It is a significant power that can impact timelines, costs, and overall project resolution, emphasizing the owner's critical role in project oversight and decision-making. The other choices involve actions that generally require more specific contractual provisions or collaboration with the project team. For example, implementing changes without consulting may breach the terms of agreements that necessitate communication and consensus, while approving final designs typically requires collaborative input from various stakeholders, including project managers and architects. Managing subcontractors directly is often not the owner's responsibility, as the contractor usually handles subcontractor relationships and management. Therefore, understanding these dynamics highlights why the owner's authority to terminate the project stands out as a distinct and impactful right.

7. What type of contract primarily favors negotiated pricing with lower bids?

- A. Value Engineering
- B. Cost Plus Fee
- C. Unit Price
- D. Stipulated Sum**

The Stipulated Sum contract, often referred to as a lump-sum contract, primarily favors negotiated pricing with lower bids because it establishes a fixed price for the overall project before work commences. In this type of agreement, the contractor and the client agree upon a specific amount to be paid for the completion of the project, which encourages contractors to provide competitive bids. This type of contract incentivizes contractors to manage costs efficiently and offer lower bids to secure the project, as they benefit directly from controlling expenses while still delivering the agreed-upon scope of work. Once the stipulated sum is determined, any savings achieved by the contractor often accrue to them, promoting cost-effective project execution. In contrast, the other contract types involve different pricing structures that may not necessarily incentivize lower bids in the same way as a stipulated sum contract. Value Engineering often focuses on optimizing project costs and enhancing value rather than strictly on bid pricing. Cost Plus Fee contracts involve the owner reimbursing the contractor for costs plus a fee, which may lead to less incentive for competitive bidding. Unit Price contracts pay per unit of work completed, which can be suitable for projects where quantities aren't fully known at the outset but doesn't emphasize overall bid pricing scale like a stipulated sum does.

8. When submitting a change order, what should you keep for records?

- A. Original**
- B. Advice from stakeholders
- C. Engineering documents
- D. Client feedback

Keeping the original change order for records is essential because it serves as the foundational document that outlines the scope, terms, and approvals associated with the requested changes to a project. Retaining the original helps ensure that there is a clear reference point regarding the intentions and agreements made at the time the change was proposed. This can be crucial for resolving any potential disputes or misunderstandings that may arise later in the project timeline. Having the original document allows project managers to verify what was agreed upon and assists in tracking any further changes or negotiations that may occur afterward. It essentially maintains the integrity of project documentation and supports accountability within the project management process.

9. A good qualitative risk analysis would qualify risks based on what factors?

- A. Employee satisfaction and stakeholder engagement
- B. Impact on cost, time, and quality**
- C. Market conditions and trends
- D. Data privacy and cybersecurity

Qualitative risk analysis is a method used to evaluate the likelihood and impact of identified risks on a project. By focusing on factors such as impact on cost, time, and quality, this approach helps project managers prioritize risks according to their potential influence on project objectives. Understanding the impact on cost allows project managers to assess how risks could affect budget allocations and financial outcomes. Evaluating potential time impacts helps in understanding how risks may delay project timelines, while assessing quality impacts ensures that the project meets the required standards and specifications. Each of these factors is critical for effective project management; therefore, they form the basis for determining which risks should be addressed first in order to minimize negative consequences. Although the other options mention important considerations, they do not directly address the central concerns of a qualitative risk analysis. For example, employee satisfaction and stakeholder engagement, market conditions and trends, and data privacy and cybersecurity are all relevant to project success but they do not specifically pertain to the core factors of cost, time, and quality in the context of risk analysis in a project management framework.

10. Which document typically includes sketches, graphics, and cost estimates for an owner?

- A. Construction Document
- B. Design Development
- C. Schematic Design**
- D. Engineering Report

The Schematic Design phase is critical in the early stages of a project, as it serves to establish the project's fundamental elements and layout. During this phase, designers create sketches and graphics that illustrate the overall concept and spatial relationships of the project. These sketches help to convey the vision of the project to stakeholders, including the owner, and provide a visual representation of how the final outcome will look. In addition to graphics and layouts, the Schematic Design also typically includes initial cost estimates which provide the owner with a basic understanding of the financial implications of the project at this stage. This combination of visual elements and preliminary budgeting is essential for making informed decisions regarding the direction of the project. As a result, Schematic Design plays an integral role in engaging with the owner, facilitating discussions, and ensuring alignment on the project's vision before proceeding to more detailed design phases.

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://bicsirtpm.examzify.com>

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

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