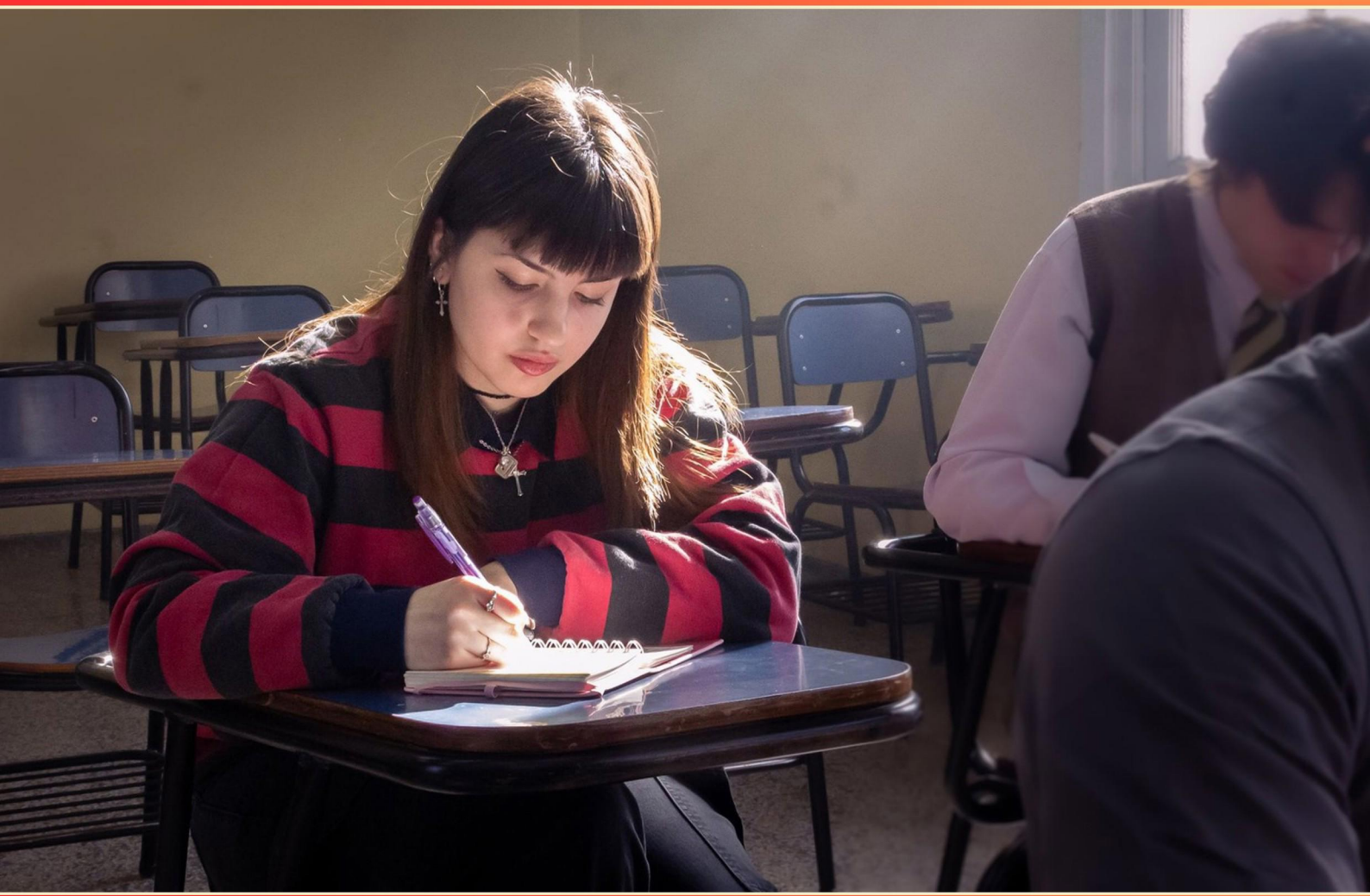
POSTSECONDARY EDUCATION READINESS TEST (PERT) PRACTICE TEST (SAMPLE)

STUDY GUIDE



SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

VISIT US ONLINE FOR THE FULL VERSION STUDY GUIDE

https://pert.examzify.com

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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.

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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!

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Questions

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1. Which phrase describes the properties of granite?

A. Soft and fragile rock.
B. Hard and coarse rock.
C. Lightweight and porous rock.
D. Flexible and ductile rock.

2. In reading comprehension, what does the term "topic" refer to?

A. The main subject or idea of a passage
B. An example or illustration provided in the text
C. The conclusion drawn from the text
D. A minor detail within the passage

3. What is the result of combining like terms in an expression?

A. It simplifies the expression
B. It complicates the expression
C. It converts the expression into a polynomial
D. It changes the degree of the expression

4. What kind of reading selections can be expected on the PERT?

A. Only nonfiction texts
B. Fiction and informational texts
C. Poetry and drama
D. Technical manuals

5. Which of the following is a characteristic of an algebraic expression?

A. It must contain a numeric value only.
B. It can include numbers, variables, and operators.
C. It is a complete sentence.
D. It is a graphical representation of data.

6. Which adjective correctly enhances the following noun: decision?

A. Puzzling
B. Strategic
C. Surprising
D. Delightful

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7. What is the simplified form of (-8x^4y^3)(-6xy^-7)?

A. 24x^3/y^4

B. 48x^5/y^4

C. 48x^3/y^4

D. 24x^5/y^3

8. What does a high score in the PERT indicate regarding future college courses?

A. The student will not need any college courses

B. The student is likely to require remedial classes

C. The student is prepared for college-level coursework

D. The score has no relevance to college preparedness

9. What is the formula for finding the area of a triangle?

A. Area = base × height

B. Area = length × width

C. Area = 1/2 × base × height

D. Area = base + height

10. What is the function of an outline in writing?

A. To provide a detailed summary

B. To serve as a framework for organizing thoughts

C. To edit the final draft

D. To research additional sources

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Answers

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

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Explanations

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1. Which phrase describes the properties of granite?

A. Soft and fragile rock.

B. Hard and coarse rock.

C. Lightweight and porous rock.

D. Flexible and ductile rock.

Granite is classified as a hard and coarse rock primarily due to its mineral composition and formation process. This type of igneous rock is formed from the slow crystallization of magma beneath the Earth's surface, allowing large crystals to develop. The presence of minerals such as quartz, feldspar, and mica contributes to its toughness and durability, making granite resistant to weathering and erosion. Its coarse texture is observable in the visible grains of these minerals, which can often be seen with the naked eye. This characteristic makes granite a popular choice for applications like countertops and construction materials, as it can withstand heavy use and is not easily scratched or broken.

2. In reading comprehension, what does the term "topic" refer to?

A. The main subject or idea of a passage

B. An example or illustration provided in the text

C. The conclusion drawn from the text

D. A minor detail within the passage

The term "topic" refers to the main subject or idea of a passage, which encapsulates what the text is fundamentally about. Identifying the topic is crucial for understanding the central theme that the author is conveying. This overarching subject provides a framework for the reader, allowing them to grasp the essential message or focus of the text. It sets the stage for more detailed points, examples, or arguments that may be presented throughout the passage. Understanding the topic also aids in making connections and synthesizing information as one reads, which is vital for effective reading comprehension.

3. What is the result of combining like terms in an expression?

A. It simplifies the expression

B. It complicates the expression

C. It converts the expression into a polynomial

D. It changes the degree of the expression

Combining like terms in an expression simplifies the expression by consolidating terms that have the same variable and exponent into a single term. For example, in the expression 3x + 5x, the like terms (3x and 5x) can be combined to give 8x. This process reduces the overall number of terms and makes the expression easier to understand and work with. Simplification is fundamental in algebra, as it allows for clearer comparisons, easier calculations, and improved problem-solving efficiency. By condensing the expression, it helps clarify its meaning and makes it easier to perform further operations.

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4. What kind of reading selections can be expected on the PERT?

A. Only nonfiction texts

B. Fiction and informational texts

C. Poetry and drama

D. Technical manuals

The selection of reading materials on the Postsecondary Education Readiness Test (PERT) is designed to assess a range of reading comprehension skills that are applicable across various contexts. The correct choice is the inclusion of both fiction and informational texts, as this reflects the diverse nature of reading encountered in higher education and everyday life. Fiction texts, which include novels and short stories, help measure comprehension skills such as identifying themes, character development, and narrative structures. Informational texts, on the other hand, encompass articles, essays, and other non-fiction materials that require the ability to analyze factual information, understand the author's purpose, and evaluate arguments. Combining these two genres allows the assessment to gauge how well a test taker can interpret and analyze a variety of sources, which is essential for success in an academic setting. Including multiple types of texts ensures that students are well-prepared for the types of reading they will face in college coursework, which often includes a mix of both fiction and informational materials.

5. Which of the following is a characteristic of an algebraic expression?

A. It must contain a numeric value only.

B. It can include numbers, variables, and operators.

C. It is a complete sentence.

D. It is a graphical representation of data.

An algebraic expression is defined as a mathematical phrase that can include numbers, variables (which represent unknown values), and operators (such as addition, subtraction, multiplication, and division). This definition encompasses a wide variety of combinations, which can express different mathematical relationships and quantities. For example, the expression 2x + 3 represents an algebraic expression where '2' is a coefficient, 'x' is a variable, and '3' is a constant. This flexibility allows algebraic expressions to be used in equations and inequalities, making them fundamental in algebra and higher mathematics. Understanding that an algebraic expression can mix these elements is crucial for problem-solving in algebra, as this is the foundation for more advanced topics, such as algebraic equations and functions.

6. Which adjective correctly enhances the following noun: decision?

A. Puzzling

B. Strategic

C. Surprising

D. Delightful

The adjective that correctly enhances the noun "decision" in this context is "strategic." This term implies a decision that is made with careful planning and consideration, often reflecting a long-term goal or approach. A strategic decision is typically one that has significant implications for an organization or an individual, indicating that it is not made lightly. This enhances the noun by providing a clear context about the nature and purpose of the decision being referred to. While "puzzling," "surprising," and "delightful" can all describe decisions in certain contexts, they do not carry the same connotation of intention and foresight that "strategic" does. A puzzling decision might imply confusion, a surprising decision suggests that it was unexpected, and a delightful decision suggests that it brought joy or satisfaction. However, none of these adjectives convey the sense of planning and thoughtfulness inherent in a "strategic decision."

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7. What is the simplified form of (-8x^4y^3)(-6xy^-7)?

A. 24x^3/y^4

B. 48x^5/y^4

C. 48x^3/y^4

D. 24x^5/y^3

*To simplify the expression (-8x^4y^3)(-6xy^-7), you start by multiplying the coefficients and then the variables. First, multiply the coefficients: - The coefficients are -8 and -6. When multiplied, they give you 48 because a negative times a negative yields a positive. Next, for the variable part, you will multiply the x terms and the y terms separately: 1. **For the x terms**: You have x^4 from the first term and x from the second term. When multiplying these, you apply the law of exponents which states that you add the exponents when multiplying like bases. Therefore, x^4 * x^1 = x^(4+1) = x^5. 2. **For the y terms**: You have y^3 from the first term and y^-7 from the second term. Similarly, you add the exponents: y^3 * y^-7 = y^(3 + (-7)) = y^(-4). To express y^(-4) in a simplified form, it can be rewritten as 1/y^4. Combining these results, you get: - Coefficient:*

8. What does a high score in the PERT indicate regarding future college courses?

A. The student will not need any college courses

B. The student is likely to require remedial classes

C. The student is prepared for college-level coursework

D. The score has no relevance to college preparedness

A high score on the PERT indicates that the student has demonstrated a solid understanding of the required skills and knowledge necessary for college-level coursework. This suggests proficiency in areas such as mathematics, reading, and writing, which are crucial for success in higher education classes. Achieving a high score means the student is adequately prepared to engage in college curricula without the need for additional remedial support. Such readiness can allow the student to enroll directly in credit-bearing courses, helping them progress towards their degree more efficiently. The other options suggest a lack of preparedness or irrelevance, which contrasts with the implications of a high score.

9. What is the formula for finding the area of a triangle?

A. Area = base × height

B. Area = length × width

C. Area = 1/2 × base × height

D. Area = base + height

The formula for finding the area of a triangle is correctly identified as 1/2 × base × height. This formula stems from the concept that a triangle can be understood as half of a rectangle when considering the same base and height measurements. In this formula, the base represents one side of the triangle, and the height is the perpendicular distance from that base to the opposite vertex. By multiplying the base and height, you calculate the area of the rectangle that would encompass the triangle. Since a triangle occupies exactly half of that rectangle, you divide the product of base and height by 2, leading to the final formula. This approach provides a simple yet accurate method to calculate the area of any triangle, regardless of its type, which is why this formulation is universally taught in mathematics.

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10. What is the function of an outline in writing?

A. To provide a detailed summary

B. To serve as a framework for organizing thoughts

C. To edit the final draft

D. To research additional sources

An outline serves as a framework for organizing thoughts, which is crucial in the writing process. By breaking down the primary ideas and structuring them in a coherent manner, an outline allows a writer to see the overall organization of their work before diving into the details. This structural approach helps ensure that each point logically follows the previous one, maintaining clarity and focus throughout the piece. Using an outline enables writers to identify key topics, subtopics, and supporting details, which can facilitate a smoother drafting process. It also makes it easier to adjust the flow of information, ensuring that the argument or narrative unfolds effectively. This pre-writing tool is essential for creating a well-organized and cohesive document, helping writers stay on track and effectively communicate their ideas. Although other options mention important aspects of the writing process, such as summarizing, editing, or researching, they do not capture the primary function of an outline, which is centered on organization and structure.

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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.

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

https://pert.examzify.com

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

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