NAVY ACADEMIC PROFICIENCY TEST (NAPT) PRACTICE EXAM (SAMPLE)

STUDY GUIDE



SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

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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. What is the percent increase when a price rises from $40 to $52?

A. 20%

B. 30%

C. 25%

D. 33%

2. If an investment yields 5% annual interest compounded annually, approximately how many years to double using the Rule of 72?

A. About 28

B. About 10

C. About 14

D. About 7

3. The meaning of 'alleviate' is:

A. To worsen

B. To confuse

C. To prolong

D. To relieve or ease

4. A circuit carries a current of 2 A through a 5-ohm resistor. What is the emf (voltage) E?

A. 10 V

B. 2 V

C. 5 V

D. 7 V

5. What is the opposite of 'abundant'?

A. Ample

B. Scarce

C. Rich

D. Plentiful

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6. What subatomic particle has a negative charge?

A. Electron

B. Proton

C. Neutron

D. Positron

7. Two-sentence excerpt describes town shops open long hours and residents greet strangers by name. What is the main idea?

A. The town's residents greet strangers by name and are friendly

B. The town has a large industrial base dominating its economy

C. The town's shops rarely stay open long enough

D. The town has a close-knit, friendly community

8. What is the formula for the perimeter of a triangle with sides a, b, and c?

A. $A = \pi r^2$

B. $P = 4s$

C. $P = 2l + 2w$

D. $P = a + b + c$

9. If 3 shirts cost $24, what is the cost of 5 shirts at the same rate?

A. $30

B. $40

C. $36

D. $48

10. Any number raised to the power of zero equals what?

A. zero

B. infinity

C. undefined

D. one

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Answers

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

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Explanations

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1. What is the percent increase when a price rises from $40 to $52?

A. 20%

B. 30%

C. 25%

D. 33%

Percent change is found by comparing how much the value has increased to the original amount. The price goes from 40 to 52, so the increase is 52 − 40 = 12. Divide the increase by the original price: 12/40 = 0.30. Multiply by 100 to get a percentage: 0.30 × 100 = 30%. So the price increased by 30%.

2. If an investment yields 5% annual interest compounded annually, approximately how many years to double using the Rule of 72?

A. About 28

B. About 10

C. About 14

D. About 7

Rule of 72 provides a quick estimate for how long an investment will take to double with compound interest. You divide 72 by the annual interest rate (in percent). At 5% per year, 72 ÷ 5 = 14.4 years, so the doubling time is about 14 years. The exact doubling time with the precise formula is ln(2)/ln(1.05) ≈ 14.2 years, which is very close to the estimate. So, about 14 years is the best match.

3. The meaning of 'alleviate' is:

A. To worsen

B. To confuse

C. To prolong

D. To relieve or ease

Alleviate means to relieve or ease something, especially pain, suffering, or a burden. The idea is to lessen the intensity or severity rather than cure it outright. For example, medicine can alleviate symptoms, and steps taken can alleviate stress or hardship by making them lighter to endure. It's not about making things worse, causing confusion, or extending duration—those would be the opposite in meaning. Therefore, relieve or ease is the correct sense of alleviate.

4. A circuit carries a current of 2 A through a 5-ohm resistor. What is the emf (voltage) E?

A. 10 V

B. 2 V

C. 5 V

D. 7 V

Ohm's law links current, resistance, and voltage: the voltage supplied in a simple circuit is the product of the current through the element and its resistance. With a current of 2 A through 5 Ω, the voltage is $V = I R = 2 \times 5 = 10$ V. In a basic source–resistor loop, the emf equals this voltage, so E is 10 V. The units work out since A·Ω = V.

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5. What is the opposite of 'abundant'?

A. Ample

B. Scarce

C. Rich

D. Plentiful

Antonyms and vocabulary refinement are tested here; abundant describes a large quantity, while the opposite describes a small quantity. That opposite is scarce, which means not enough or limited in supply. For example, during a drought, water can be scarce. The other terms—ample, rich, and plentiful—are all synonyms of abundant, so they don't express the opposite meaning.

6. What subatomic particle has a negative charge?

A. Electron

B. Proton

C. Neutron

D. Positron

Negative charge in subatomic particles is carried by the electron. Electrons are the tiny, lightweight particles that orbit the atomic nucleus and have a negative electrical charge equal in magnitude to the positive charge of a proton. Protons, located in the nucleus, are positively charged, while neutrons have no charge at all. A positron is the antimatter counterpart of the electron but with a positive charge. So the particle with the negative charge is the electron.

7. Two-sentence excerpt describes town shops open long hours and residents greet strangers by name. What is the main idea?

A. The town's residents greet strangers by name and are friendly

B. The town has a large industrial base dominating its economy

C. The town's shops rarely stay open long enough

D. The town has a close-knit, friendly community

The main idea is that the town has a close-knit, friendly character. The two details—shops open long hours and residents greet strangers by name—together suggest a community where people are accessible, know one another, and look out for each other. That combination portrays more than simple friendliness; it conveys a sense of belonging and mutual comfort that defines a tight-knit community. The option focusing on a large industrial base isn't supported by these details, and the idea that shops are rarely open contradicts the given information. While a choice about friendliness alone is close, the stronger takeaway is the overall feel of a connected, welcoming community.

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8. What is the formula for the perimeter of a triangle with sides a, b, and c?

A. A = π r^2

B. P = 4s

C. P = 2l + 2w

D. P = a + b + c

Perimeter is the distance around a shape, so for a triangle you add up all three side lengths. With sides a, b, and c, the total around the triangle is a + b + c, giving P = a + b + c. The other formulas correspond to different figures or quantities: π r^2 is the circle's area, 4s is a square's perimeter, and 2l + 2w is a rectangle's perimeter.

9. If 3 shirts cost $24, what is the cost of 5 shirts at the same rate?

A. $30

B. $40

C. $36

D. $48

This question tests unit rate and scaling a price. If 3 shirts cost 24 dollars, the cost per shirt is 24 ÷ 3 = 8 dollars. At the same rate, 5 shirts would cost 5 × 8 = 40 dollars. So five shirts cost 40 dollars.

10. Any number raised to the power of zero equals what?

A. zero

B. infinity

C. undefined

D. one

Exponent laws tell us that dividing like powers cancels the exponent: a^m / a^m = a^(m-m) = a^0. The left-hand side equals 1 for any nonzero base, so a^0 must be 1 to keep the rule consistent. That's why any nonzero number raised to the power of zero equals 1. The only caveat is the base zero, where 0^0 is indeterminate in many contexts, so the statement is typically taken as applying to nonzero bases.

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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://navynapt.examzify.com

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

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