# ASVAB MILITARY ENTRANCE PROCESSING STATION (MEPS) 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. Which word describes the action of requesting earnestly or humbly?**

A. Challenging

B. Commanding

C. Supplicating

D. Agreeing

**2. When measuring resistance with an ohmmeter, what must be done prior to measuring?**

A. Connect power

B. Disconnect power

C. Check for shorts

D. Calibrate the meter

**3. What did Sam do when he started sneezing uncontrollably?**

A. Continued playing

B. Called his mom

C. Ignored it

D. Went outside

**4. Electrical current flowing from one component to the next typically describes which kind of circuit?**

A. Parallel circuit

B. Series circuit

C. Complex circuit

D. Open circuit

**5. Silicon chips are primarily used to create which of the following?**

A. Integrated circuits

B. Capacitors

C. Resistors

D. Inductors

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**6. If the perimeter of a square garden is 84 feet, what is the area of the garden?**

A. 324 sq ft

B. 441 sq ft

C. 576 sq ft

D. 625 sq ft

**7. What is the main idea of the passage discussing sundresses?**

A. Dresses are too fussy of a wardrobe item

B. Sundresses are a great summer staple

C. Cowboy boots go with everything

D. Summer weather is very uncomfortable

**8. A triangle has a base measurement of 6 cm and a height of 4 cm. What is its area?**

A. There is not enough information given to answer the question.

B. 24 $cm^2$

C. 12 $cm^2$

D. 10 $cm^2$

**9. What is the word most opposite in meaning to "tranquil"?**

A. Calm

B. Relaxed

C. Serene

D. Tumultuous

**10. What is equal to 5% of 55% of 555?**

A. 15.75

B. 15.2625

C. 12.875

D. 13

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# Answers

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

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# Explanations

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## 1. Which word describes the action of requesting earnestly or humbly?

A. Challenging

B. Commanding

C. Supplicating

D. Agreeing

*The term "supplicating" specifically refers to the act of making a humble or earnest request, often to someone in a position of power or authority. This word conveys a sense of deep respect and earnestness that one might demonstrate when seeking something of significance, such as aid or mercy. It highlights the nuances of humility and earnestness in the act of asking. In contrast, the other words like "challenging" and "commanding" imply a forceful or authoritative approach, which does not align with the concept of humble request. Meanwhile, "agreeing" simply denotes acceptance and does not reflect any action of requesting or pleading. Thus, "supplicating" is the most suitable term to describe the act of earnestly or humbly requesting something.*

## 2. When measuring resistance with an ohmmeter, what must be done prior to measuring?

A. Connect power

B. Disconnect power

C. Check for shorts

D. Calibrate the meter

*Before measuring resistance with an ohmmeter, it is essential to disconnect power to the circuit or the component being tested. This is necessary to ensure both accurate readings and safety. An energized circuit can provide misleading resistance readings because the presence of voltage affects the resistance measured by the ohmmeter. When power is on, it can create a current flow that interferes with the measurement process, potentially damaging the meter or leading to unsafe conditions such as electric shock. Disconnecting the power removes this risk and allows the meter to accurately determine the resistance in ohms without interference. In addition, while it is vital to maintain safety and accuracy, options such as calibrating the meter or checking for shorts are important steps in general maintenance or troubleshooting but are not required specifically prior to measuring resistance.*

## 3. What did Sam do when he started sneezing uncontrollably?

A. Continued playing

B. Called his mom

C. Ignored it

D. Went outside

*When Sam started sneezing uncontrollably, he called his mom. This action indicates that he felt the need for assistance or concern regarding his condition. It's common for individuals to seek comfort or help from family members when they experience unexpected health issues, especially if the symptoms are intense or persistent. Calling a parent might also suggest that Sam trusted her to provide guidance on what to do next, whether that involved finding a remedy, assessing the situation, or determining if medical attention was necessary. Other options such as continuing to play, ignoring the sneezing, or going outside do not align with the typical response one might have to an overwhelming physical reaction like uncontrollable sneezing, which normally warrants attention and care rather than dismissal or distraction.*

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## 4. Electrical current flowing from one component to the next typically describes which kind of circuit?

A. Parallel circuit

B. Series circuit

C. Complex circuit

D. Open circuit

*A series circuit is characterized by the flow of electrical current through one component to the next in a single path. In this type of circuit, each component is connected sequentially, meaning that there is only one route for the current to take. If you think about a chain, each link represents a component, and the current must pass through each link one after the other. In a series circuit, if any component or connection is broken, the entire circuit is interrupted, which stops the flow of current. This is because the current must pass through each component in turn, and any break in this path will prevent the current from reaching the subsequent components. In contrast, a parallel circuit allows current to flow through multiple pathways, and if one pathway is interrupted, the other pathways can continue to operate. A complex circuit combines elements of both series and parallel configurations, while an open circuit indicates a break or discontinuity in the path, preventing any flow of current at all. Thus, because current flows from one component to the next in a single pathway without any branches, the series circuit is the correct description.*

## 5. Silicon chips are primarily used to create which of the following?

A. Integrated circuits

B. Capacitors

C. Resistors

D. Inductors

*Silicon chips are primarily used to create integrated circuits due to their excellent semiconductor properties. Integrated circuits (ICs) are essential in modern electronics and consist of multiple electronic components such as transistors, diodes, and resistors, all fabricated onto a single piece of silicon. The ability to miniaturize these components onto a chip allows for more efficient, compact, and powerful electronic devices, which play vital roles in computers, smartphones, and numerous other applications. While capacitors, resistors, and inductors are important components in electronic circuits, they are not primarily made from silicon. Capacitors typically utilize materials like ceramic or electrolytic substances, while resistors can be made from carbon, metal, or other materials. Inductors are usually constructed from coils of wire and magnetic materials. Thus, the distinct properties of silicon and its versatility in forming integrated circuits makes it the primary material for this application.*

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## 6. If the perimeter of a square garden is 84 feet, what is the area of the garden?

A. 324 sq ft

B. 441 sq ft

C. 576 sq ft

D. 625 sq ft

*To find the area of a square garden given its perimeter, first, we need to determine the length of one side of the square. The formula for the perimeter of a square is calculated as four times the length of one side. Given that the perimeter is 84 feet, we can set up the equation: Perimeter = 4 × side length 84 = 4 × side length To find the side length, divide both sides of the equation by 4: side length = 84 ÷ 4 = 21 feet. Now that we have the length of one side, we can calculate the area of the square. The area of a square is given by the formula: Area = side length × side length. Thus: Area = 21 feet × 21 feet = 441 square feet. This calculation confirms that the area of the garden is indeed 441 square feet. The area is correctly identified, which corresponds with the provided option of B. This understanding of the relationship between perimeter, side length, and area is essential when solving similar problems involving squares or other geometric shapes.*

## 7. What is the main idea of the passage discussing sundresses?

A. Dresses are too fussy of a wardrobe item

B. Sundresses are a great summer staple

C. Cowboy boots go with everything

D. Summer weather is very uncomfortable

*The main idea that sundresses are a great summer staple highlights their significance as a versatile, stylish, and comfortable option for summer attire. Sundresses typically offer ease of wear, breathability, and a range of styles, making them ideal for various summer occasions, from casual outings to more formal events. They embody the spirit of summer fashion by combining comfort with a light and airy feel, allowing individuals to enjoy warm weather while looking fashionable. This central concept underscores the value of sundresses in a summer wardrobe, setting them apart from other clothing items that may not offer the same level of convenience and style during the hotter months.*

## 8. A triangle has a base measurement of 6 cm and a height of 4 cm. What is its area?

A. There is not enough information given to answer the question.

B. 24 cm²

C. 12 cm²

D. 10 cm²

*The area of a triangle can be calculated using the formula: $$\text{Area} = \frac{1}{2} \times \text{base} \times \text{height}$$ In this case, the base of the triangle is 6 cm and the height is 4 cm. Plugging these values into the formula, we get: $$\text{Area} = \frac{1}{2} \times 6 \, \text{cm} \times 4 \, \text{cm}$$ Calculating this gives: $$\text{Area} = \frac{1}{2} \times 24 \, \text{cm}^2 = 12 \, \text{cm}^2$$ Therefore, the area of the triangle is 12 cm². This shows that the answer is correct as it directly follows from the application of the correct area formula for a triangle using the provided dimensions.*

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## 9. What is the word most opposite in meaning to "tranquil"?

A. Calm

B. Relaxed

C. Serene

D. Tumultuous

*"Tranquil" refers to a state of peace, calmness, and serenity. The term embodies an absence of disturbance and a presence of quiet and stillness. Therefore, the word that is most opposite in meaning would be one that suggests chaos or disturbance. The word "tumultuous" captures this opposite meaning as it describes a situation that is noisy, disorderly, or characterized by unrest. It conveys a sense of turbulence and upheaval that stands in stark contrast to the soothing and composed nature of being tranquil. This makes it the most appropriate choice among the options provided, as it conveys a significant level of disruption compared to the calm and peaceful connotations of the word "tranquil."*

## 10. What is equal to 5% of 55% of 555?

A. 15.75

B. 15.2625

C. 12.875

D. 13

*To calculate 5% of 55% of 555, you'll proceed step-by-step. First, determine what 55% of 555 is. To do this, you multiply 555 by 0.55 (since 55% is the same as 0.55 in decimal form): $555 \times 0.55 = 305.25$ Now that you have 55% of 555, the next step is to find 5% of that result. Again, you can convert 5% to its decimal form, which is 0.05, and multiply: $305.25 \times 0.05 = 15.2625$ This calculation shows that 5% of 55% of 555 is equal to 15.2625, confirming that the correct answer is accurate.*

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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://asvabmeps.examzify.com

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

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