

ASVAB MILITARY ENTRANCE PROCESSING STATION (MEPS) PRACTICE EXAM (SAMPLE) STUDY GUIDE



Prepare with structure. Pass with confidence



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Table of Contents

Copyright	1
Table of Contents	2
Introduction	3
How to Use This Guide	4
Questions	5
Answers	8
Explanations	10
Next Steps	15

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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. What type of joints hold bones firmly together without allowing movement?**
 - A. Ball and socket joints
 - B. Fixed joints
 - C. Hinge joints
 - D. Pivot joints

- 2. Which planet is named after the Greek god who personified the sky?**
 - A. Neptune
 - B. Saturn
 - C. Uranus
 - D. Jupiter

- 3. If a law has suffered "demise," what has occurred?**
 - A. It has been created
 - B. It has been modified
 - C. It has been annulled
 - D. It has been enforced

- 4. Which tool can measure electrical potential between two points in a circuit?**
 - A. Ammeter
 - B. There are no tools for this purpose.
 - C. Ohmmeter
 - D. Voltmeter

- 5. In the context of construction materials, what does rebar primarily provide?**
 - A. Flexibility
 - B. Durability
 - C. Load-bearing capacity
 - D. Weight reduction

- 6. Utility company power lines typically carry which type of current?**
 - A. Direct current
 - B. Battery current
 - C. Alternating current
 - D. Static current

- 7. What is a diode primarily used for?**
- A. To amplify current
 - B. To store energy
 - C. To allow current to flow in only one direction
 - D. To measure voltage
- 8. In the phrase "Mary went to the store and bought peanuts galore," what does "galore" imply?**
- A. Scarcity
 - B. Limited
 - C. Abundant
 - D. Exhausted
- 9. The water pressure in a tank is greater near which part of the tank?**
- A. Near the entrance
 - B. Near the middle
 - C. Near the bottom
 - D. At the surface
- 10. Centrifugal force is defined as what kind of force?**
- A. Outward force caused by rotation
 - B. Inward force caused by gravity
 - C. Frictional force in motion
 - D. Inertia during rapid acceleration

Answers

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

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Explanations

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1. What type of joints hold bones firmly together without allowing movement?

- A. Ball and socket joints
- B. Fixed joints**
- C. Hinge joints
- D. Pivot joints

Fixed joints hold bones firmly together without allowing any movement. These joints, also known as immovable joints, are primarily found in areas where stability is crucial. For example, the sutures in the skull are fixed joints that connect the various bones of the skull. The lack of movement at these joints provides structural integrity and support, making them ideal for the protection of vital organs, such as the brain. In contrast, ball and socket joints allow for a wide range of movement in multiple directions, hinge joints permit motion primarily in one direction like a door, and pivot joints enable rotational movement around a single axis. Each of these joint types allows for some degree of flexibility or motion, unlike fixed joints, which are designed specifically to maintain bone alignment and rigidity.

2. Which planet is named after the Greek god who personified the sky?

- A. Neptune
- B. Saturn
- C. Uranus**
- D. Jupiter

The correct answer is Uranus, which is named after the ancient Greek god of the sky, Ouranos. In mythology, Uranus is often depicted as the personification of the heavens and is associated with the primordial entity that represents the sky. This name reflects the planet's distant, expansive nature and its position in the solar system, which is far from the Earth and the inner planets. In contrast, the other planets listed have names derived from different figures in mythology. Neptune is named after the Roman god of the sea, Saturn after the Roman god of agriculture and wealth, and Jupiter after the king of the Roman gods. Each of these names evokes attributes or domains associated with the respective deities rather than the sky itself, making Uranus the accurate choice for a planet named specifically after the Greek personification of the sky.

3. If a law has suffered "demise," what has occurred?

- A. It has been created
- B. It has been modified
- C. It has been annulled**
- D. It has been enforced

When a law has suffered "demise," it means that the law has been annulled or rendered void. This term implies that the law is no longer in effect and has been officially invalidated. The concept of "demise" in this context suggests that the law has ended its lifecycle, making way for the possibility of new legislation or changes in the legal framework. In legal terminology, "annulled" typically means a law or statute is formally canceled or revoked, indicating it is no longer binding or applicable. Understanding this term is important because it helps clarify the status of laws within a legal system and how they can change over time. Other potential interpretations, such as a law being created, modified, or enforced, do not capture the essence of "demise," as these actions imply that the law is still active in some capacity or has undergone alterations rather than being nullified. Thus, the correct answer highlights the finality and termination associated with the concept of a law's demise.

4. Which tool can measure electrical potential between two points in a circuit?

- A. Ammeter
- B. There are no tools for this purpose.
- C. Ohmmeter
- D. Voltmeter**

The tool that measures electrical potential between two points in a circuit is the voltmeter. A voltmeter is specifically designed to measure voltage, which is the difference in electrical potential energy between two points. It is usually connected in parallel across the points where the voltage is to be measured, allowing it to accurately capture the potential difference. In contrast, an ammeter is used to measure the current flowing through a circuit, not the potential difference. An ohmmeter measures the resistance of a component, which is related to the opposition to the flow of electric current, but it does not measure voltage. The statement that there are no tools for this purpose is inaccurate, as the voltmeter is a well-established instrument for measuring voltage in electrical circuits.

5. In the context of construction materials, what does rebar primarily provide?

- A. Flexibility
- B. Durability
- C. Load-bearing capacity**
- D. Weight reduction

Rebar, or reinforcing bar, is primarily used in concrete construction to enhance the load-bearing capacity of the structures. Concrete is strong in compression but weak in tension, meaning it can withstand heavy loads without crushing but can easily crack or break under tensile forces. Rebar is made from steel, which has high tensile strength, providing the necessary support that allows concrete to resist various stresses. By embedding rebar within concrete, it significantly improves the overall structural integrity and allows the concrete to accommodate higher loads, particularly in tension. This makes rebar essential for use in beams, slabs, and other elements where strength and load-bearing capability are critical for the safety and longevity of the construction. The other choices do not adequately describe the primary function of rebar. Flexibility is not a characteristic of rebar, as it is rigid and primarily designed to provide tensile strength. Durability is a quality associated more with the concrete itself and the corrosion resistance of rebar, but it is not the central function of rebar. Weight reduction is not a relevant factor since rebar contributes additional weight to a structure rather than reducing it.

6. Utility company power lines typically carry which type of current?

- A. Direct current
- B. Battery current
- C. Alternating current**
- D. Static current

Utility company power lines typically carry alternating current (AC). This is because AC is more efficient for transmitting electricity over long distances. The ability to easily change the voltage of AC makes it ideal for reducing energy loss during transmission. High voltages allow electricity to travel long distances with less heat generated, which is vital for the infrastructure of power distribution across cities and regions. Direct current (DC), while useful for certain applications like batteries and electronic devices, is not as efficient for long-distance energy transmission due to its inability to easily change voltage levels. Battery current generally refers to a type of DC used in batteries, which is not applicable to utility-scale power lines. Static current is not a term used in electrical engineering for the transmission of power, as it refers to a buildup of electric charge that is typically not utilized in power lines.

7. What is a diode primarily used for?

- A. To amplify current
- B. To store energy
- C. To allow current to flow in only one direction**
- D. To measure voltage

A diode is primarily used to allow current to flow in only one direction. This characteristic is essential in many electronic circuits, as it helps to control the direction of current, preventing unwanted reverse flow that could damage components or destabilize the circuit. In practical applications, diodes are often found in power supply circuits, where they convert alternating current (AC) to direct current (DC). This is crucial because many electronic devices require DC to operate correctly. The diode's ability to block reverse current flow ensures that the device receives a stable and correct voltage without the risk of reverse polarity. This function is fundamental to how various electronic systems achieve rectification, signal modulation, and other essential tasks, highlighting the diode's role as a critical component in the field of electronics.

8. In the phrase "Mary went to the store and bought peanuts galore," what does "galore" imply?

- A. Scarcity
- B. Limited
- C. Abundant**
- D. Exhausted

In the phrase "Mary went to the store and bought peanuts galore," the word "galore" suggests that there is a large quantity or abundance of peanuts. This term is used to describe a situation where something is plentiful or available in great amounts. It conveys the idea that Mary did not just buy a few peanuts, but rather that she acquired a generous or excessive amount. This context underscores the notion of abundance, making "galore" an emphatic qualifier celebrating the quantity purchased. Thus, the answer indicating abundance is the most fitting interpretation of the term in this context.

9. The water pressure in a tank is greater near which part of the tank?

- A. Near the entrance
- B. Near the middle
- C. Near the bottom**
- D. At the surface

The water pressure in a tank increases with depth due to the weight of the water above. This phenomenon is described by the hydrostatic pressure principle, which states that pressure at a certain depth in a fluid is determined by the height of the fluid column above that point. Therefore, the greater the depth, the more water there is above, and thus, the greater the pressure experienced at that depth. In a tank, the bottom experiences the highest pressure because it supports the entire column of water above it. As you move up through the tank, the amount of water above decreases, leading to a decrease in pressure. Consequently, the pressure is at its maximum near the bottom of the tank, making it the correct answer for this question.

10. Centrifugal force is defined as what kind of force?

A. Outward force caused by rotation

B. Inward force caused by gravity

C. Frictional force in motion

D. Inertia during rapid acceleration

Centrifugal force is conceptualized as an outward force that is perceived in a rotating reference frame. It arises when an object is in circular motion and feels as though it is being pushed away from the center of rotation. This phenomenon is due to the inertia of the object, which tends to keep it moving in a straight line. As the object rotates, this tendency to move straight creates the sensation of a force acting outward from the center. In practical terms, when a car makes a turn, passengers feel pushed against the outer side of the vehicle due to this perceived centrifugal force. While the object is actually being pulled toward the center by centripetal force (which is the true force acting on it), the effect of inertia creates the experience of centrifugal force. Thus, identifying it as an outward force caused by rotation properly captures its essence in the context of rotational dynamics.

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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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