

# Manor Preboards Module 6 Practice Test (Sample)

## Study Guide



**Everything you need from our exam experts!**

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# Table of Contents

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

SAMPLE

# 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. Which practice is recommended for preparing glassware before use?
  - A. Soaking in detergent
  - B. All of the above
  - C. Rinsing with nitric acid
  - D. Treatment with sodium chromate in sulfuric acid
  
2. The most preferred medium in dissolution testing is:
  - A. Alcohol
  - B. Acetone
  - C. Ether
  - D. Water
  
3. An acid-fast bacillus with mycolic acid and a palisade arrangement is which organism?
  - A. *Borrelia burgdorferi*
  - B. *Treponema pallidum*
  - C. *Mycobacterium tuberculosis*
  - D. *Mycobacterium leprae*
  
4. Which protozoan is known for tissue invasion and causes invasive amebiasis?
  - A. *Entamoeba histolytica*
  - B. *Entamoeba coli*
  - C. *Endolimax nana*
  - D. *Iodamoeba butschlii*
  
5. Which item is NOT typically sampled as material in quality control?
  - A. Intermediates
  - B. Raw materials
  - C. Records
  - D. Final products

- 6. Which acronym denotes a national program aimed at accrediting health facilities to ensure quality services?**
- A. Sentrong Sigla**
  - B. Health Sector Reform Agenda**
  - C. National Health Objectives**
  - D. Health Passport Initiative**
- 7. An acid-fast bacillus that has mycolic acid in its cell wall and can be seen in a palisade arrangement is which organism?**
- A. Mycobacterium tuberculosis**
  - B. Mycobacterium leprae**
  - C. Borrelia burgdorferi**
  - D. Treponema pallidum**
- 8. The Quality Control Department is important to:**
- A. Ensure uniform production of high-quality product**
  - B. Safeguard public health**
  - C. Ensure that the product complies with the FDA requirements**
  - D. All of the above**
- 9. Which type of malnutrition is associated with inadequate mastication, digestion, absorption, transport, and excretion of nutrients?**
- A. Primary malnutrition**
  - B. Undernutrition**
  - C. Secondary malnutrition**
  - D. Overnutrition**
- 10. An employee liability law that provides financial support for workers unemployed because of work related injuries.**
- A. OSH Act**
  - B. Civilian Rehabilitation**
  - C. Coal Mine Health and Safety Act**
  - D. Workers' Compensation Law**

## Answers

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

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## **Explanations**

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**1. Which practice is recommended for preparing glassware before use?**

**A. Soaking in detergent**

**B. All of the above**

**C. Rinsing with nitric acid**

**D. Treatment with sodium chromate in sulfuric acid**

Preparing glassware is about removing every kind of residue that could affect results—grease, minerals, and stubborn organics. Soaking in detergent is the first step because it breaks down oils and soils so they can be washed away. An acid rinse, such as nitric acid, helps dissolve mineral deposits and remove trace metal contaminants that the detergent misses. A cleaning bath with sodium chromate in sulfuric acid (chromic acid cleaning) tackles any remaining organic residues by oxidizing them and helps refresh the glass surface to minimize future adsorption of contaminants. When you combine these steps with a thorough final rinse and drying, the glassware is clean and suitable for precise work.

**2. The most preferred medium in dissolution testing is:**

**A. Alcohol**

**B. Acetone**

**C. Ether**

**D. Water**

In dissolution testing, the medium should dissolve the drug without reacting with it and provide consistent, reproducible results. Water is the most preferred medium because it's inert and non-volatile, so it won't interfere with the drug or the assay. It's universally available, inexpensive, and serves as a clean baseline that represents a simple solvent environment. This baseline helps reveal the drug's intrinsic dissolution behavior without added ions or chemicals that could alter solubility or stability. In practice, water works well for many drugs, especially those that dissolve readily in aqueous environments. For drugs with poor water solubility or with solubility that depends on pH, researchers may switch to specially prepared media (like simulated gastric or intestinal fluids or surfactant-containing buffers) to better mimic physiological conditions. But as a starting point and default, water provides a straightforward, standard medium that supports consistent comparisons across tests.

**3. An acid-fast bacillus with mycolic acid and a palisade arrangement is which organism?**

- A. Borrelia burgdorferi**
- B. Treponema pallidum**
- C. Mycobacterium tuberculosis**
- D. Mycobacterium leprae**

The main idea here is recognizing organisms that are acid-fast due to their cell walls rich in mycolic acids, and then matching a classic tissue appearance to the organism. Mycobacteria stain acid-fast because their mycolic acid-containing cell wall retains the dye even after acid-alcohol decolorization. Among the options, the one that is a mycobacterium known to form a palisading pattern in tissue is *Mycobacterium leprae*. In leprosy, the bacilli can be seen arranged in a palisade or parallel stack-like pattern within granulomatous lesions. The other options are spirochetes, which are not acid-fast, or a different mycobacterial species not typically described by that palisading arrangement in standard teachings.

**4. Which protozoan is known for tissue invasion and causes invasive amebiasis?**

- A. Entamoeba histolytica**
- B. Entamoeba coli**
- C. Endolimax nana**
- D. Iodamoeba butschlii**

Tissue invasion by a pathogenic intestinal ameba underlies invasive amebiasis. *Entamoeba histolytica* is the one that not only lives in the gut but can penetrate the colonic mucosa, causing ulcers and dysentery, and it can spread through the bloodstream to form liver abscesses—hallmarks of invasive disease. Trophozoites that invade the tissue often ingest red blood cells, which reflects its damaging interaction with the mucosa. In contrast, the other amebae listed are typically luminal residents and do not invade tissue, so they do not cause invasive amebiasis. Thus, *Entamoeba histolytica* is the protozoan known for tissue invasion and invasive disease.

**5. Which item is NOT typically sampled as material in quality control?**

- A. Intermediates**
- B. Raw materials**
- C. Records**
- D. Final products**

Records are not sampled as material in quality control because sampling targets physical substances used in production, not the documentation that records what happens. Raw materials are pulled and tested to confirm identity and purity before use, intermediates are checked at different production stages, and final products are tested to ensure they meet specifications before release. Records, meanwhile, are records of those tests and processes; they're reviewed or audited for accuracy and traceability, but they aren't sampled as material themselves.

**6. Which acronym denotes a national program aimed at accrediting health facilities to ensure quality services?**

- A. Sentrong Sigla**
- B. Health Sector Reform Agenda**
- C. National Health Objectives**
- D. Health Passport Initiative**

Sentrong Sigla is the national program that certifies and accredits health facilities to ensure quality of services. It sets standardized criteria for service readiness, safety, and quality, and facilities that meet these standards receive the accreditation, promoting consistent, high-quality care across the system. The other options describe broader policy aims or initiatives (reforms, objectives, or health information programs) rather than a specific nationwide accreditation scheme for facilities. So the acronym denoting the national program for accrediting health facilities to ensure quality services is Sentrong Sigla.

**7. An acid-fast bacillus that has mycolic acid in its cell wall and can be seen in a palisade arrangement is which organism?**

- A. Mycobacterium tuberculosis**
- B. Mycobacterium leprae**
- C. Borrelia burgdorferi**
- D. Treponema pallidum**

Acid-fastness comes from the thick, waxy cell wall enriched with mycolic acids found in certain bacteria. This makes them resistant to decolorization and they stain as red bacilli with acid-fast stains. Among the organisms listed, the one that is an acid-fast bacillus and is classically described in granulomatous lesions with macrophages arranged in a palisading pattern is *Mycobacterium leprae*, the agent of Hansen's disease. This palisading arrangement reflects how the immune response organizes around infected cells in leprosy lesions. The other organisms shown—spirochetes—do not have mycolic acid in their walls and are not acid-fast, so they don't fit this description.

**8. The Quality Control Department is important to:**

- A. Ensure uniform production of high-quality product**
- B. Safeguard public health**
- C. Ensure that the product complies with the FDA requirements**
- D. All of the above**

Quality control covers three essential roles: keeping production consistent so every unit meets the same high standard, protecting consumers by preventing defective or unsafe products from reaching the market, and ensuring the product meets regulatory requirements such as those set by the FDA. By monitoring processes, performing testing and inspections, and enforcing standard procedures, QC ensures uniform quality across batches. This helps safeguard public health because potential risks are caught before products are released. It also guarantees compliance with FDA rules, including proper testing, documentation, and manufacturing practices. Because QC addresses consistency, safety, and regulatory compliance all at once, all of the above is the best choice.

**9. Which type of malnutrition is associated with inadequate mastication, digestion, absorption, transport, and excretion of nutrients?**

- A. Primary malnutrition**
- B. Undernutrition**
- C. Secondary malnutrition**
- D. Overnutrition**

This question is about malnutrition that arises from problems in how the body processes nutrients, not just from not eating enough. When chewing, digestion, absorption, transport, and excretion of nutrients are inadequate, the issue lies in the body's handling of nutrients—due to diseases, conditions, or organ dysfunction—rather than simply insufficient intake. That's what defines secondary malnutrition. In contrast, primary malnutrition comes from not consuming enough nutrients in the diet, and overnutrition from too much nutrient intake.

**10. An employee liability law that provides financial support for workers unemployed because of work related injuries.**

- A. OSH Act**
- B. Civilian Rehabilitation**
- C. Coal Mine Health and Safety Act**
- D. Workers' Compensation Law**

When a worker is injured on the job, a workers' compensation system is designed to provide financial support without the need to prove fault. It's usually a no-fault program funded by employers through insurance, offering wage replacement and medical benefits to employees who are temporarily or permanently disabled due to work-related injuries. In exchange, employees generally give up the right to sue their employer for negligence in most situations, which keeps disputes focused on the benefits provided and medical care needed rather than legal battles. This makes it the best fit for the description, because it specifically centers on providing financial support to workers harmed by work-related injuries. The other options focus more on safety standards, safety enforcement in certain industries, or rehabilitation services, rather than the wage replacement and medical benefits structure tied to workplace injuries.

## 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](mailto:hello@examzify.com).**

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

**<https://manorpreboardsmod6.examzify.com>**

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

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