

MILADY CHEMICAL TEXTURE SERVICES PRACTICE EXAM (SAMPLE)

STUDY GUIDE



**SAMPLE STUDY GUIDE
WITH LIMITED QUESTIONS**

**VISIT US ONLINE FOR
THE FULL VERSION STUDY GUIDE**

<https://miladychemicaltextureservices.examzify.com>



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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. Which of the following is a characteristic of Guanidine hydroxide compared to other relaxers?**
 - A. Causes more damage to hair
 - B. Requires a two-part application
 - C. Can be used on wet hair
 - D. Less odorous than other relaxers
- 2. What are peptide bonds also known as?**
 - A. End bonds
 - B. Side bonds
 - C. Link bonds
 - D. Double bonds
- 3. What is the effect of applying too much neutralizer?**
 - A. Incomplete curl formation
 - B. Over-processed hair
 - C. Retained moisture
 - D. Enhanced shine
- 4. In which layer of hair are polypeptide chains cross-linked by side bonds?**
 - A. Medulla
 - B. Cuticle
 - C. Cortex
 - D. Follicle
- 5. What is a primary benefit of using Guanidine hydroxide in hair relaxers?**
 - A. Enhances hair color
 - B. Strengthens hair strands
 - C. Reduces scalp irritation
 - D. Increases natural curl pattern
- 6. Loose curls can be achieved with which type of chemical application?**
 - A. Soft curl permanent
 - B. Curl booster
 - C. Traditional perm
 - D. Thermal straightening

- 7. What type of waves is Glycerol monothioglycolate the main ingredient for and processes at room temperature?**
- A. Low pH waves
 - B. Ammonia-free waves
 - C. Acid-balanced waves
 - D. True-acid waves
- 8. What should you do if a strand test indicates an adverse reaction?**
- A. Proceed with the service as planned
 - B. Alter the chemical formulation
 - C. Stop the service and consult the client
 - D. Ignore the results
- 9. Why is it important to use products formulated specifically for chemically treated hair?**
- A. They are less expensive
 - B. They are designed to support the integrity of processed hair
 - C. They provide more volume
 - D. They are easier to apply
- 10. What type of heat styling tool is particularly harsh on chemically treated hair?**
- A. Flat iron
 - B. Curling iron
 - C. Hairdryer
 - D. Diffuser

Answers

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

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Explanations

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1. Which of the following is a characteristic of Guanidine hydroxide compared to other relaxers?

- A. Causes more damage to hair
- B. Requires a two-part application**
- C. Can be used on wet hair
- D. Less odorous than other relaxers

Guanidine hydroxide is distinctive in its application process, requiring a two-part application. This characteristic is significant because it involves the use of two separate components that are mixed together before application to the hair. This dual-component system helps to create a more effective and stable product, allowing for a smoother and more manageable relaxer service. In contrast to many single-component relaxers, this two-part system enables hairstylists to have more control over the chemical reaction and the overall relaxation process. This can be particularly beneficial for clients with varying hair textures and conditions, allowing for tailored services.

2. What are peptide bonds also known as?

- A. End bonds**
- B. Side bonds
- C. Link bonds
- D. Double bonds

Peptide bonds are also known as end bonds because they are the specific type of bond that links amino acids together to form proteins. These bonds are essential in the structure of the hair, as they provide the primary link necessary for the formation of polypeptide chains, which are fundamental components of hair and skin structures. Understanding peptide bonds as end bonds highlights their role in creating the protein chains that ultimately contribute to the overall strength and integrity of hair. The term "end bonds" directly refers to how these bonds connect the terminal ends of amino acids in a chain, facilitating the formation of complex protein structures.

3. What is the effect of applying too much neutralizer?

- A. Incomplete curl formation
- B. Over-processed hair**
- C. Retained moisture
- D. Enhanced shine

The effect of applying too much neutralizer during a chemical texture service leads to over-processed hair. Neutralizers are essential in the perming process as they help to halt the wave formation and lock the curls in place. However, when an excessive amount is applied, it can overly strengthen the disulfide bonds in the hair, causing the cuticle to become extremely tight. This can result in a range of issues, including brittleness, excessive dryness, and a compromised structural integrity of the hair, ultimately leading to breakage. Additionally, over-processing can strip the hair of its natural moisture and oils, making it appear dull and damaged. It's important to use the correct amount of neutralizer to achieve the desired curl pattern without compromising the hair's health. Each hair type and texture may require a different level of neutralization, which is why careful attention to the product application is crucial in chemical services.

4. In which layer of hair are polypeptide chains cross-linked by side bonds?

- A. Medulla
- B. Cuticle
- C. Cortex**
- D. Follicle

The cortex is the correct answer because it is the middle layer of the hair shaft and plays a critical role in the hair's overall strength and elasticity. Polypeptide chains, which are the primary structure of proteins, are found in the cortex, and these chains are organized into long fibers. In the cortex, these polypeptide chains are interconnected by various types of side bonds, including hydrogen bonds, salt bonds, and disulfide bonds. These side bonds are essential for maintaining the structure and integrity of the hair, influencing characteristics like texture, curl, and resilience. The medulla, being the innermost layer of the hair, typically does not contribute to hair's structure in terms of polypeptide chains or side bonds. The cuticle, the outer layer, serves as a protective barrier rather than a structure where polypeptide chains are cross-linked. Lastly, the follicle is not a part of the hair shaft; it is the structure from which the hair grows and doesn't contain the polypeptide chains or side bonds relevant to the question.

5. What is a primary benefit of using Guanidine hydroxide in hair relaxers?

- A. Enhances hair color
- B. Strengthens hair strands
- C. Reduces scalp irritation**
- D. Increases natural curl pattern

Guanidine hydroxide is a key ingredient used in no-lye hair relaxers, and one of its primary benefits is its ability to reduce scalp irritation. Traditional lye relaxers, which contain sodium hydroxide, can be quite harsh on the scalp and skin, often leading to discomfort, redness, and irritation. Guanidine hydroxide, on the other hand, offers a gentler alternative, making it suitable for clients with sensitive skin or those who have experienced irritation with lye relaxers. In addition to its milder nature, guanidine hydroxide effectively alters the hair's structure to relax curls and waves. This component allows stylists to provide soothing and less damaging treatments, resulting in a more comfortable experience for clients during the relaxation process. By prioritizing scalp health, this ingredient enhances the overall quality of the chemical service. While the other options may address certain aspects of hair care or styling, they do not reflect the primary attributes of guanidine hydroxide as effectively as its ability to minimize scalp irritation.

6. Loose curls can be achieved with which type of chemical application?

- A. Soft curl permanent**
- B. Curl booster
- C. Traditional perm
- D. Thermal straightening

Loose curls are typically achieved through a soft curl permanent application. This process is specifically designed to create larger, more relaxed waves or curls, which is ideal for clients who desire a softer, more natural look rather than tight, sculpted curls. The soft curl permanent uses larger rods compared to traditional perms and often involves specialized products that help to enhance the texture without resulting in overly tight curls. The chemicals used in the soft curl permanent are formulated to allow for a looser curl pattern, which is what makes it distinctively suited for achieving loose curls. In contrast, a traditional perm generally produces tighter, more structured curls and is not intended for achieving a loose curl effect. Curl boosters and thermal straightening are entirely different processes; curl boosters enhance existing curls, and thermal straightening is designed to permanently straighten hair rather than create curls. Therefore, the soft curl permanent stands out as the appropriate choice for achieving the desired loose curl look.

7. What type of waves is Glycerol monothioglycolate the main ingredient for and processes at room temperature?

- A. Low pH waves
- B. Ammonia-free waves
- C. Acid-balanced waves**
- D. True-acid waves

Glycerol monothioglycolate is primarily used as the active ingredient in acid-balanced waves. These waves are formulated to work at a neutral pH, which allows them to process at room temperature, making them gentler on the hair compared to other types of waves. The unique properties of glycerol monothioglycolate enable it to create disulfide bonds in the hair during the perming process while maintaining a balance that minimizes damage. Acid-balanced waves are specifically designed to ensure that the hair retains moisture and elasticity throughout the process, which is crucial for achieving soft, natural-looking curls. This formulation provides a controlled pH environment that is ideal for both perming and maintaining hair integrity. While other wave types may also involve different formulations or processing conditions, the key aspect of glycerol monothioglycolate is its compatibility with acid-balanced systems, allowing for effective hair transformation with reduced risk of damage.

8. What should you do if a strand test indicates an adverse reaction?

- A. Proceed with the service as planned
- B. Alter the chemical formulation
- C. Stop the service and consult the client**
- D. Ignore the results

When a strand test indicates an adverse reaction, the appropriate course of action is to stop the service and consult the client. This is important because an adverse reaction may suggest that the client could experience damage or negative effects from the chemical service. By halting the process and discussing the findings with the client, you prioritize their health and safety. Engaging in conversation allows you to explain the implications of the strand test and consider alternative options that may be safer for the client's hair type and condition. This approach is crucial in maintaining a professional and responsible practice, as well as building trust with the client. Proceeding with the service despite negative test results would pose a risk to the client's hair and overall well-being.

9. Why is it important to use products formulated specifically for chemically treated hair?

- A. They are less expensive
- B. They are designed to support the integrity of processed hair**
- C. They provide more volume
- D. They are easier to apply

Using products formulated specifically for chemically treated hair is crucial because these products are designed to address the unique needs and challenges that arise from chemical processes. When hair is chemically treated—whether through coloring, perming, or relaxing—it can often become more porous and susceptible to damage. Specialized products help to support the integrity of the hair by providing the right nutrients, moisture balance, and protection. These tailored formulations often include ingredients that help to strengthen and repair the bonds within the hair, replenish lost moisture, and improve elasticity. They also work to maintain the health and vibrancy of chemically altered hair, reducing brittleness and breakage, which can occur if inappropriate products are used. Thus, using the right products is essential to keeping chemically treated hair looking and feeling its best.

10. What type of heat styling tool is particularly harsh on chemically treated hair?

A. Flat iron

B. Curling iron

C. Hairdryer

D. Diffuser

Flat irons are particularly harsh on chemically treated hair because they apply direct, high heat that can further alter the hair's structure. Chemically treated hair, whether it has been permed, relaxed, or colored, often has compromised integrity, making it more susceptible to damage from intense heat sources. Flat irons typically reach higher temperatures than other styling tools, which can lead to moisture loss, increased dryness, and potential breakage in already fragile strands. While curling irons and hair dryers can also cause damage when not used properly, they generally do not reach the same extreme temperatures as flat irons. Additionally, diffusers are designed to distribute heat more evenly and gently, which can help maintain moisture in the hair. Given the intensity of the heat and the direct contact with the hair, flat irons pose the greatest risk to chemically treated hair.

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://miladychemicaltextureservices.examzify.com>

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

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