

ILLINOIS PRIVATE SEWAGE CONTRACTOR PRACTICE EXAM (SAMPLE) STUDY GUIDE



SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

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THE FULL VERSION STUDY GUIDE

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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	16

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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 entity is responsible for enforcing the Private Sewage Disposal Code in Illinois?**
 - A. The Environmental Protection Agency
 - B. The Illinois Department of Natural Resources
 - C. The Illinois Department of Public Health
 - D. The State Attorney General's Office
- 2. Which of the following factors is most critical in the design of a septic system?**
 - A. Location of the home
 - B. Soil absorption capabilities
 - C. Size of the house
 - D. Type of materials used
- 3. Septic tanks should be avoided in areas such as:**
 - A. Near tree roots
 - B. On steep slopes
 - C. Where surface water accumulates
 - D. In dry soil conditions
- 4. What feature is essential for the wall between compartments regarding its fitting?**
 - A. Loose fitting
 - B. Tight fitting
 - C. Adjustable fitting
 - D. Removable fitting
- 5. How far must it be between each trench?**
 - A. 4 feet
 - B. 5 feet
 - C. 6 feet
 - D. 7 feet

- 6. Illinois Raised Filter Beds are constructed using which system?**
- A. Batch Aeration System only
 - B. Filter Bed only
 - C. Batch Aeration System and a Filter Bed
 - D. Aerobic Treatment Plants only
- 7. What is the requirement for the wall separating two compartments in a septic tank?**
- A. Must be loosely fitting
 - B. Must extend to within 3" of the tank bottom
 - C. Must be tight fitting
 - D. Must be removable
- 8. In what scenario is the use of a private sewage disposal system to service multiple properties permitted?**
- A. When individual ownership is established
 - B. When common property under joint ownership is provided
 - C. When public sewer systems are unavailable
 - D. When the population exceeds 15 individuals
- 9. The filter loading rate for residential systems is what rate?**
- A. 2 Gallons per Square Foot per Day
 - B. 4 Gallons per Square Foot per Day
 - C. 6 Gallons per Square Foot per Day
 - D. 8 Gallons per Square Foot per Day
- 10. How can homeowners contribute to the maintenance of their septic systems?**
- A. By frequently replacing tank components
 - B. By practicing water conservation and avoiding inappropriate materials
 - C. By using chemical additives to enhance performance
 - D. By pumping the tank every month

Answers

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

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Explanations

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1. Which entity is responsible for enforcing the Private Sewage Disposal Code in Illinois?

- A. The Environmental Protection Agency
- B. The Illinois Department of Natural Resources
- C. The Illinois Department of Public Health**
- D. The State Attorney General's Office

The Illinois Department of Public Health is the entity tasked with enforcing the Private Sewage Disposal Code in Illinois. This department oversees public health matters, including sanitation and waste management, which are critical elements of private sewage disposal. The enforcement of codes governing private sewage systems is essential for ensuring that these systems are designed, installed, and maintained in a way that protects public health and the environment. The Department of Public Health issues regulations, provides guidance, and ensures compliance through inspections and other enforcement mechanisms related to sewage disposal systems. Understanding the specific role of the Illinois Department of Public Health helps illuminate the importance of regulatory agencies in maintaining public health standards and offering support to private sewage contractors in Illinois. This ensures that wastewater is properly managed, minimizing risks to the community and the environment.

2. Which of the following factors is most critical in the design of a septic system?

- A. Location of the home
- B. Soil absorption capabilities**
- C. Size of the house
- D. Type of materials used

The most critical factor in the design of a septic system is the soil absorption capabilities. Septic systems rely on the soil to effectively treat and filter wastewater before it reaches the groundwater. The characteristics of the soil, such as its texture, permeability, and ability to retain water, directly influence how well the system can function. If the soil has good absorption capabilities, it can effectively filter out pathogens and contaminants, reducing the risk of groundwater pollution and ensuring proper drainage. In contrast, soil that is too compacted, clayey, or saturated can lead to system failures, resulting in backups and environmental hazards. Therefore, conducting a soil percolation test is essential to assess its suitability for a septic system. While the location of the home, size of the house, and type of materials used are important considerations in overall design and planning, they are secondary to the fundamental requirement of having soil that can adequately absorb and treat the effluent produced by the septic system. Thus, understanding the soil's properties is paramount for the effective, safe, and sustainable operation of a septic system.

3. Septic tanks should be avoided in areas such as:

- A. Near tree roots
- B. On steep slopes
- C. Where surface water accumulates**
- D. In dry soil conditions

Septic tanks should be avoided in areas where surface water accumulates because the presence of excessive water can lead to several problems. When surface water gathers, it can saturate the soil surrounding the septic system, which interferes with the absorption of effluent into the ground. This saturation can overwhelm the system, leading to backups and overflows, which not only cause potential environmental contamination but can also pose health risks to nearby residents and the general community. In such areas, the ability of the soil to filter and treat wastewater effectively is compromised. Proper functioning of a septic system relies on the soil's capacity to drain and filter out harmful pollutants, which is diminished when the ground is inundated with water. Selecting a location that experiences a high accumulation of surface water would be detrimental to the performance of the septic system, making it crucial to avoid such sites for installation.

4. What feature is essential for the wall between compartments regarding its fitting?

- A. Loose fitting
- B. Tight fitting**
- C. Adjustable fitting
- D. Removable fitting

A tight fitting for the wall between compartments is essential because it serves to prevent the mixing of wastewater from different sections of the septic system. In a multi-compartment tank, each compartment's function is vital for proper treatment and separation of solids and liquids. A snug fit ensures that contaminants do not escape into adjacent compartments, which could compromise treatment efficiency and public health. Moreover, tight fittings help to minimize odors and reduce the risk of leakage, which might otherwise allow untreated effluent to escape into the environment. This is particularly important in maintaining the integrity and performance of the septic system, ensuring long-term functionality and compliance with health regulations. A loose fitting could lead to issues like cross-contamination and ineffective treatment, while adjustable or removable fittings may not provide the necessary permanence and integrity needed for long-term sewage management. Therefore, a tight fitting is the optimal choice for maintaining the separation and effectiveness of each compartment in a septic tank system.

5. How far must it be between each trench?

- A. 4 feet
- B. 5 feet
- C. 6 feet**
- D. 7 feet

The requirement for maintaining a distance between each trench in a private sewage system relates to ensuring proper function and minimizing the risk of contamination or failure in the sewage disposal system. In Illinois, the standard distance that must be maintained between each trench is six feet. This spacing allows for adequate separation between different areas of effluent absorption, ensuring that one trench does not adversely affect another. This distance helps maintain soil integrity and promotes effective drainage and treatment of sewage, which is essential for protecting public health and the environment. By adhering to this guideline, contractors can ensure that the sewage treatment system operates efficiently, minimizing the chances of system overload or failure while also safeguarding groundwater and surrounding areas from potential contamination.

6. Illinois Raised Filter Beds are constructed using which system?

- A. Batch Aeration System only
- B. Filter Bed only
- C. Batch Aeration System and a Filter Bed**
- D. Aerobic Treatment Plants only

Illinois Raised Filter Beds are designed to work with both a Batch Aeration System and a Filter Bed, which is why this is the correct choice. The Batch Aeration System serves to provide the necessary aeration to the wastewater, allowing for effective treatment before it is distributed to the filter bed. The filter bed, in turn, acts as a physical and biological treatment mechanism, further purifying the effluent as it passes through the media, typically comprised of sand or gravel, which helps to remove contaminants. By utilizing both systems together, the raised filter beds can achieve superior treatment performance, optimally managing the biological processes and improving effluent quality. This integrated approach ensures that the wastewater is adequately treated at every stage of the process, maximizing efficiency and effectiveness in managing private sewage systems.

7. What is the requirement for the wall separating two compartments in a septic tank?

- A. Must be loosely fitting
- B. Must extend to within 3" of the tank bottom
- C. Must be tight fitting**
- D. Must be removable

The requirement for the wall separating two compartments in a septic tank being tight fitting ensures that there is an effective separation between the two compartments. This design plays a critical role in the functionality of the septic system. It helps to maintain two distinct environments within the tank, allowing for the proper flow of wastewater from one compartment to another without mixing the contents. This separation is crucial to allow for adequate treatment of the waste, as each compartment often serves a different purpose in the treatment process. A tight-fitting wall prevents the escape of gases and liquids between the compartments, which is important for system efficiency and safety. It also aids in preventing short-circuiting, where wastewater could bypass treatment due to improper flows. Overall, a tight fit maximizes treatment efficiency and prolongs the life of the septic system, making it a key requirement in septic tank design and construction.

8. In what scenario is the use of a private sewage disposal system to service multiple properties permitted?

- A. When individual ownership is established
- B. When common property under joint ownership is provided**
- C. When public sewer systems are unavailable
- D. When the population exceeds 15 individuals

The use of a private sewage disposal system to service multiple properties is allowed in the scenario where common property under joint ownership is provided. This means that the properties are collectively owned, which allows for a shared sewage disposal system to be established and maintained. It is essential that all owners are in agreement and have established a clear management plan for the system, which is typically outlined in property agreements. This arrangement provides a practical and legally compliant means of managing sewage on properties that are closely linked. While other options might seem plausible under certain conditions, they do not align with the specific regulations governing the use of private sewage systems. For example, individual ownership does not inherently support shared systems, and the availability of public sewer systems is a significant factor that typically prohibits the use of private systems if they are accessible. The demographic threshold regarding population also does not directly correlate to the legality of multi-property private sewage disposal systems. Therefore, joint ownership is the key aspect that allows such systems to function legally and effectively.

9. The filter loading rate for residential systems is what rate?

- A. 2 Gallons per Square Foot per Day
- B. 4 Gallons per Square Foot per Day**
- C. 6 Gallons per Square Foot per Day
- D. 8 Gallons per Square Foot per Day

The filter loading rate for residential systems is designated as 4 gallons per square foot per day. This value is important because it serves as a guideline for the appropriate amount of wastewater that can be treated and absorbed by the filter area of a septic system or similar treatment system. This rate ensures that there is a balance between the volume of effluent entering the filter and the ability of the soil and filter media to adequately treat and manage that effluent. When designing or evaluating a residential sewage system, applying this standard helps to prevent system overload, which could lead to ineffective treatment, system failure, or potential environmental contamination. By adhering to this loading rate, professionals can ensure that the system functions efficiently while also protecting public health and maintaining compliance with regulatory standards. Therefore, the selection of 4 gallons per square foot per day aligns with established best practices in the field of wastewater management.

10. How can homeowners contribute to the maintenance of their septic systems?

- A. By frequently replacing tank components
- B. By practicing water conservation and avoiding inappropriate materials**
- C. By using chemical additives to enhance performance
- D. By pumping the tank every month

Homeowners can significantly contribute to the maintenance of their septic systems by practicing water conservation and avoiding inappropriate materials. This approach is vital in ensuring the proper functioning of the system. Water conservation helps prevent the septic tank from becoming overloaded. Excessive water can lead to a scenario where the tank does not have enough time to adequately treat and allow solids to settle, which can result in system failure or backups. Simple actions like fixing leaks, using water-saving devices, and spreading out water usage can greatly enhance the performance and longevity of the septic system. Additionally, avoiding inappropriate materials is crucial. Disposing of non-biodegradable items, chemicals, and excessive solids can hinder the bacterial processes essential for breaking down waste in the septic tank. By being mindful of what goes down the drain, homeowners help sustain a healthy environment within their septic systems, thereby reducing the risk of costly repairs or replacements. This proactive approach fosters better overall system health and ensures compliance with environmental regulations, making it an effective way for homeowners to maintain their septic systems.

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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://ilprivatesewagecontractor.examzify.com>

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

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