Setting of Landscape Plants (SLP) Practice Test (Sample)

Study Guide

Everything you need from our exam experts!

Table of Contents

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

1. Which trees are categorized as having evergreen leaves?

A. Dogwoods and Maples

B. Pines and Hollies

C. Oaks and Hydrangeas

D. Birches and Willows

2. What are the reproductive parts of the plant responsible for new growth?

A. Fruits and seeds

B. Buds and flowers

C. Roots and stems

D. Leaves and branches

3. How does phosphorus contribute to plant growth?

A. By promoting leafy growth

B. By aiding in flowering and maturation

C. By increasing soil pH

D. By protecting against disease

4. What is critical when dealing with balled and burlapped plants?

A. Cut the central root to promote growth

B. Remove the burlap entirely before planting

C. Ensure to cut the tie string around the burlap

D. Water the plant thoroughly before removal

5. What is the outcome of tree topping?

A. Balanced growth with a strong structure.

B. Growth that is rapid, weak, and creates the need for more pruning.

C. Controlled growth within desired height limits.

D. Increased resistance to environmental stressors.

6. Is it beneficial to mow turf at higher heights during hot summers?

A. True

B. False

C. Sometimes, depending on the grass type

D. Only for cool-season grasses

7. Which of the following plants is known for producing numerous suckers?

A. Pine trees

B. Wax myrtles

C. Maple trees

D. Cypress trees

8. What happens to plants that settle below grade?

A. They thrive and grow faster

B. They often struggle and may die slowly

C. They will grow larger roots

D. They need more watering

9. What type of soil should be used for backfilling planting holes?

A. Artificial soil mix

B. Native, pulverized soil

C. Commercial potting soil

D. Sand mixed with clay

10. What is meant by mid-rib in leaf anatomy?

A. The outer edge of the leaf

B. The petiole attaching the leaf to the stem

C. The main vein on certain leaves

D. A minor vein within the leaf

Answers

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

Explanations

1. Which trees are categorized as having evergreen leaves?

A. Dogwoods and Maples

B. Pines and Hollies

C. Oaks and Hydrangeas

D. Birches and Willows

Evergreen trees are characterized by their ability to retain their leaves throughout the year, providing year-round foliage. Pines, which belong to the conifer family, typically have needle-like leaves that remain on the tree for several years before they are shed. This adaptation allows them to thrive in a variety of environments, particularly in colder climates. Hollies are also evergreen, with their glossy, often spiny leaves providing a distinct appearance. These plants maintain their leaves through the winter, which contributes to their popularity in landscape design as they add color and texture during the colder months. In contrast, the other groups of trees mentioned, such as dogwoods, maples, oaks, hydrangeas, birches, and willows, are generally deciduous, meaning they lose their leaves in the fall. This deciduous nature is a significant difference, as these trees typically go through a cycle of shedding leaves to conserve moisture and energy during harsh conditions. Therefore, the classification of pines and hollies as evergreen is what sets them apart in this context and makes them the correct answer.

2. What are the reproductive parts of the plant responsible for new growth?

A. Fruits and seeds

B. Buds and flowers

C. Roots and stems

D. Leaves and branches

Buds and flowers are the reproductive parts of the plant that play a crucial role in new growth. Buds, which can be terminal or lateral, are structures that can develop into new shoots or flowers. When these buds mature, they can either open into flowers, facilitating reproduction through pollination, or grow into new leaves and stems, contributing to the overall growth of the plant. Flowers serve as the reproductive organs of flowering plants. They are designed for sexual reproduction, enabling the formation of seeds when pollination occurs. Once fertilization takes place, the ovary of the flower develops into fruit, which contains the seeds that will generate new plants. Therefore, through the processes involving buds and flowers, plants not only reproduce but also propagate new growth, making this the correct answer. While fruits and seeds are essential for the next generation of plants, they are not responsible for the immediate new growth of the parent plant. Roots and stems provide support and nourishment but are not directly involved in reproductive processes. Leaves and branches are primarily for photosynthesis and structural integrity rather than reproduction. Thus, focusing on buds and flowers highlights their essential roles in both reproduction and new growth initiation.

3. How does phosphorus contribute to plant growth?

A. By promoting leafy growth

B. By aiding in flowering and maturation

C. By increasing soil pH

D. By protecting against disease

Phosphorus plays a crucial role in plant growth primarily by aiding in flowering and maturation. This nutrient is essential for the formation of DNA, RNA, and ATP, which are vital for energy transfer and genetic coding within the plant. These processes are particularly important for flowering, fruiting, and seed development, as they ensure that plants can reproduce effectively and generate the next generation. Phosphorus also helps with the establishment of strong root systems, which directly impacts a plant's ability to take up water and nutrients from the soil. Healthy flowering and maturation processes rely heavily on these strong root systems, promoting overall plant vigor. While phosphorus might indirectly affect other aspects of plant growth, such as root development and the durability against certain stresses, its direct influence on reproductive processes is what distinguishes it as a key nutrient in flowering and overall maturation.

4. What is critical when dealing with balled and burlapped plants?

A. Cut the central root to promote growth

B. Remove the burlap entirely before planting

C. Ensure to cut the tie string around the burlap

D. Water the plant thoroughly before removal

The focus on cutting the tie string around the burlap is essential because it allows the root ball to expand and establish itself in its new environment after planting. When the tie string is left intact, it can restrict the growth of the roots and impede the plant's ability to absorb water and nutrients effectively. Cutting the tie string promotes better root growth by allowing the roots to spread out into the surrounding soil, which is critical for a successful transplant. The other options either provide incorrect practices or do not address the core issue of root growth and establishment post-transplanting. Ensuring that the burlap is adequately managed during planting is a vital step to help the plant thrive in its new location.

5. What is the outcome of tree topping?

A. Balanced growth with a strong structure.

B. Growth that is rapid, weak, and creates the need for more pruning.

C. Controlled growth within desired height limits.

D. Increased resistance to environmental stressors.

Tree topping refers to the practice of cutting back the main branches of a tree to stubs or lateral branches. This method is often considered detrimental because it leads to rapid regrowth from the cut areas, resulting in weak new growth that is poorly attached to the tree. This type of regrowth is often susceptible to breakage and can require frequent and excessive pruning to manage the resulting branches, as they tend to grow out rapidly and in a disorganized manner. The rapid growth is typically accompanied by a lack of structural integrity, as the new shoots are less able to support themselves in adverse weather conditions. Consequently, the tree becomes more vulnerable to damage from storms or heavy winds. This response creates an ongoing cycle of poor health and increased maintenance needs, which is why this outcome is characterized as "rapid, weak growth" that exacerbates the requirement for more pruning. In contrast, maintaining trees through methods that encourage natural growth patterns, like selective pruning, leads to balanced, vigorous trees with strong structures that require less frequent maintenance.

6. Is it beneficial to mow turf at higher heights during hot summers?

A. True

B. False

C. Sometimes, depending on the grass type

D. Only for cool-season grasses

Mowing turf at higher heights during hot summers is indeed beneficial. This practice can help maintain healthier grass by allowing for deeper roots, which are essential for better moisture and nutrient uptake. Taller grass blades offer shade to the soil, which reduces soil temperature and helps prevent it from drying out too quickly. Additionally, leaving grass longer during periods of heat can minimize stress on the plants, making them more resilient to drought conditions. Mowing at higher heights also helps the turf withstand heat-induced challenges by reducing the amount of leaf area that can be damaged by sun exposure. This leads to healthier grass overall and helps maintain its color and vigor during hot weather. The practice encourages a more robust turf that is better able to recover from environmental stressors. Other choices may suggest different strategies based on specific conditions or grass types, but the general principle of mowing at higher heights offers broad benefits to turf health during the stress of hot summers.

7. Which of the following plants is known for producing numerous suckers?

A. Pine trees

B. Wax myrtles

C. Maple trees

D. Cypress trees

Wax myrtles are indeed known for producing numerous suckers. Suckers are shoots that grow from the base of a tree or shrub, often in response to stress, damage, or as part of their natural growth habit. Wax myrtles, which can be found in various habitats, tend to spread through these suckers, creating dense thickets. This trait allows them to effectively colonize an area, providing stabilization to soil and effective cover for wildlife. Their ability to produce suckers contributes to their adaptability in various environmental conditions, making them a popular choice for landscaping and natural restoration projects. In contrast, pine trees generally grow tall and established with a central trunk and don't typically produce suckers. Maple trees, while capable of sprouting new growth, are not known for suckering as a primary mode of propagation. Cypress trees may have a multistemmed growth habit in some species, but they do not produce suckers in the same prominent manner as wax myrtles.

8. What happens to plants that settle below grade?

A. They thrive and grow faster

B. They often struggle and may die slowly

C. They will grow larger roots

D. They need more watering

Plants that settle below grade often struggle and may die slowly due to several environmental stressors. When a plant is planted too deeply, its basal stem tissue can become buried, which disrupts its normal growth and respiration processes. This can lead to insufficient oxygen for root respiration, resulting in anaerobic conditions. Moreover, the excess soil covering can retain too much moisture, leading to root rot and other fungal diseases. Additionally, when plants are below grade, their ability to absorb nutrients effectively is hindered, and they may not receive the proper light exposure if covered by surrounding soil. This combination of factors essentially compromises the plant's health, leading to stunted growth or eventual death if the conditions remain unfavorable for too long. Hence, the statement that they often struggle and may die slowly accurately describes the consequences of plants settling below grade.

9. What type of soil should be used for backfilling planting holes?

A. Artificial soil mix

B. Native, pulverized soil

C. Commercial potting soil

D. Sand mixed with clay

The ideal choice for backfilling planting holes is native, pulverized soil. When planting, using native soil ensures that the plants have an environment that is conducive to their growth and well-adapted to the local climate and conditions. Native soil contains the necessary microorganisms, nutrients, and organic matter that are crucial for the establishment of plants, allowing them to thrive in a familiar ecosystem. Pulverizing the native soil helps to improve its structure, making it easier for roots to penetrate and establish themselves while also improving drainage and aeration. This process enhances soil tilth, which is essential for healthy root development. In contrast, an artificial soil mix may not replicate the conditions and microbial life found in native soils, potentially hindering plant growth. Commercial potting soil can be too light and may not provide necessary nutrients as effectively as the native soil would in the long term. Lastly, using sand mixed with clay could lead to drainage issues or compaction, making it less ideal for backfilling compared to the natural, pulverized material. These characteristics underscore why native, pulverized soil is the best choice for effectively supporting plant growth in backfilled planting holes.

10. What is meant by mid-rib in leaf anatomy?

A. The outer edge of the leaf

B. The petiole attaching the leaf to the stem

C. The main vein on certain leaves

D. A minor vein within the leaf

The term "mid-rib" specifically refers to the main vein that runs down the center of certain leaves. This structure plays a crucial role in leaf anatomy as it is responsible for providing structural support to the leaf and serving as a primary conduit for the transport of water, nutrients, and sugars throughout the leaf. The mid-rib is typically thicker and more pronounced than other veins, contributing to the overall firmness and resilience of the leaf. In contrast, the outer edge of the leaf is referred to as the margin, while the petiole is the part that attaches the leaf to the stem, though these do not have the same function as the mid-rib. Minor veins found within the leaf are important for the overall vascular network but do not provide the same level of structural support or transport capabilities as the mid-rib. Therefore, understanding that the mid-rib is the main vein provides insight into its significance in leaf physiology and function within plants.

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://settingoflandscapeplants.examzify.com

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