

# Oklahoma State Closed Circuit Television License Practice Test (Sample)

## Study Guide



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

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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 is a common use for PTZ (Pan-Tilt-Zoom) cameras in CCTV systems?**
  - A. To monitor large areas with a single camera**
  - B. To enhance sound recording capabilities**
  - C. To decrease storage needs**
  - D. To minimize installation costs**
  
- 2. What is one of the characteristics of plenum cables?**
  - A. High durability**
  - B. Low smoke production**
  - C. Low cost**
  - D. High flexibility**
  
- 3. When baluns are used with an analog camera, what type of cable is needed?**
  - A. RG6**
  - B. RG59**
  - C. Cat5**
  - D. RG11**
  
- 4. Which components are essential for a basic CCTV system?**
  - A. Cameras, a monitor, and a recording device**
  - B. Alarm systems, motion detectors, and cameras**
  - C. Monitors, speakers, and sensors**
  - D. Microphones, cameras, and routers**
  
- 5. In the context of safety measures, what does the term "personal protective equipment" refer to?**
  - A. Tools used for construction**
  - B. Devices used to communicate safety procedures**
  - C. Clothing and gear designed to protect the user**
  - D. First aid kits**

- 6. Why is lighting important for CCTV systems?**
- A. It enhances the aesthetic appeal of the camera**
  - B. It helps in capturing clear images, especially in low-light conditions**
  - C. It reduces the need for camera maintenance**
  - D. It allows for easy installation of cameras**
- 7. How often should CCTV footage be reviewed?**
- A. Monthly, to keep storage clear**
  - B. Annually, for compliance purposes**
  - C. Regularly, depending on the level of monitoring and activity in the area**
  - D. Only when there is an incident**
- 8. How can you improve nighttime visibility of CCTV cameras?**
- A. By using high-resolution cameras only**
  - B. Installing infrared (IR) illumination or using cameras with low-light capabilities**
  - C. By reducing the lens size of the camera**
  - D. By increasing the contrast settings on the monitors**
- 9. Why is it necessary to have an understanding of local privacy laws for CCTV installation?**
- A. To ensure compliance with legal standards regarding surveillance and data collection**
  - B. To decrease installation costs**
  - C. To avoid camera malfunctions**
  - D. To meet aesthetic guidelines**
- 10. What type of cable employs a dielectric?**
- A. Twisted pair cable**
  - B. Coaxial cable**
  - C. Fiber optic cable**
  - D. Composite cable**

## Answers

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

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## **Explanations**

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**1. What is a common use for PTZ (Pan-Tilt-Zoom) cameras in CCTV systems?**

- A. To monitor large areas with a single camera**
- B. To enhance sound recording capabilities**
- C. To decrease storage needs**
- D. To minimize installation costs**

PTZ (Pan-Tilt-Zoom) cameras are designed to provide flexible surveillance capabilities, allowing a single camera to cover a larger area by adjusting its position and zooming in on specific subjects or incidents as needed. This versatility is a key advantage of PTZ cameras, as they can rotate horizontally and vertically, as well as zoom in and out, making them particularly effective for monitoring expansive environments such as parking lots, large retail spaces, or public areas. Utilizing a PTZ camera means that operators can manage coverage dynamically, focusing on areas that require attention without the need for multiple fixed cameras covering the same space. This capability not only enhances surveillance effectiveness but also simplifies the infrastructure required for monitoring large areas, thereby making it a common choice in CCTV systems. The other options, while potentially valued in different contexts, do not accurately reflect the primary function of PTZ cameras.

**2. What is one of the characteristics of plenum cables?**

- A. High durability**
- B. Low smoke production**
- C. Low cost**
- D. High flexibility**

One of the defining characteristics of plenum cables is their low smoke production. These cables are specifically designed for use in environments where they may be exposed to air circulation systems, such as in ceilings and walls where air ducts are located. The materials used to manufacture plenum cables emit fewer toxic fumes and generate less smoke when burned compared to standard cables. This characteristic is crucial for ensuring safety in case of a fire, as it helps reduce the risk of smoke inhalation and improves visibility for evacuation. This safety feature makes plenum cables the preferred choice in many installations, particularly in commercial buildings and spaces that require compliance with stringent fire codes. The other options, while they may describe some types of cables, do not specifically highlight what makes plenum cables distinct in terms of their intended use in high-risk environments.

**3. When baluns are used with an analog camera, what type of cable is needed?**

- A. RG6**
- B. RG59**
- C. Cat5**
- D. RG11**

The correct answer is RG59. RG59 cable is specifically designed for video and surveillance applications, making it an ideal choice for connecting analog cameras. This type of coaxial cable features a characteristic impedance of 75 ohms, which is well-suited for transmitting video signals with minimal loss over distances. When using baluns with analog cameras, RG59 is often preferable because it can effectively transmit video signals over longer cable runs compared to other types, such as Cat5. Although Cat5 cables are used for networking and can transmit video signals when paired with the appropriate baluns, RG59 is the traditional standard for analog video connections, ensuring compatibility and signal integrity. While RG6 and RG11 cables are also types of coaxial cables, RG59 remains the go-to choice specifically for analog video applications due to its flexibility and suitability for the necessary frequency range. This is crucial in video surveillance systems, where maintaining a strong and clear signal is essential for effective monitoring.

**4. Which components are essential for a basic CCTV system?**

- A. Cameras, a monitor, and a recording device**
- B. Alarm systems, motion detectors, and cameras**
- C. Monitors, speakers, and sensors**
- D. Microphones, cameras, and routers**

The essential components for a basic Closed Circuit Television (CCTV) system are cameras, a monitor, and a recording device. Cameras are crucial as they capture the visual footage that is to be monitored or recorded. The monitor allows for real-time viewing of the feeds coming from the cameras, enabling immediate oversight of monitored areas. The recording device is necessary to store the captured footage for future review or analysis, which is vital for security purposes. In the context of a basic CCTV setup, these three elements form the core infrastructure needed to establish a functional surveillance system. They work together to ensure that visuals are captured, displayed, and preserved, fulfilling the primary objectives of monitoring and security. Other components listed in the other options, while they may enhance a security system, are not fundamental for the basic functionality of a CCTV system.

**5. In the context of safety measures, what does the term "personal protective equipment" refer to?**

- A. Tools used for construction**
- B. Devices used to communicate safety procedures**
- C. Clothing and gear designed to protect the user**
- D. First aid kits**

The term "personal protective equipment" (PPE) specifically refers to clothing and gear that are designed to protect individuals from potential hazards they may encounter in their work environment. This can include items such as helmets, gloves, eye protection, masks, and protective clothing, each serving a critical role in minimizing exposure to various risks, including physical injuries, chemical spills, and infectious agents. Understanding PPE is essential in any setting where safety is a concern, as it directly impacts the wellbeing of employees and individuals in various professions. The focus of PPE is on personal protection, unlike tools used for construction, devices for communication, or first aid kits, which serve different purposes. Each of those alternatives plays an important role in workplace safety but does not specifically address the protection of the individual using them, which is the fundamental aspect of PPE.

**6. Why is lighting important for CCTV systems?**

- A. It enhances the aesthetic appeal of the camera**
- B. It helps in capturing clear images, especially in low-light conditions**
- C. It reduces the need for camera maintenance**
- D. It allows for easy installation of cameras**

Lighting plays a critical role in the performance of CCTV systems as it significantly impacts the clarity and quality of the images captured. Proper lighting ensures that the camera can effectively capture detailed images, which is particularly crucial in low-light conditions. When there is insufficient light, the camera may struggle to produce a clear and discernible image, leading to blurred or grainy footage. This is especially important for surveillance purposes where identifying a person, object, or event is necessary for safety, security, and operational assessments. Good lighting not only aids in capturing high-quality video but also enhances the overall effectiveness of surveillance systems, making it easier to analyze incidents and provide clear evidence when required. In contrast, the other options pertain to aspects that are less relevant to the core function of CCTV systems or address peripheral considerations rather than the fundamental nature of image capture.

## 7. How often should CCTV footage be reviewed?

- A. Monthly, to keep storage clear
- B. Annually, for compliance purposes
- C. Regularly, depending on the level of monitoring and activity in the area**
- D. Only when there is an incident

The correct answer emphasizes the necessity of a regular review process based on the specific monitoring needs and activity level in the area being observed. This approach highlights the proactive nature of effective surveillance systems, as continuous monitoring can help identify potential security issues before they escalate into incidents. By regularly reviewing footage, security personnel can assess operational efficacy, detect suspicious behavior, and ensure that the deployed system is functioning as intended. This regular review also allows for real-time adjustments to security protocols and can enhance staff training by incorporating lessons learned from past footage. For environments with high activity or known security risks, more frequent reviews are essential to maintaining a secure space. Therefore, this proactive method aligns well with best practices in CCTV operations, making it vital for effective security management. Other frequencies mentioned, such as monthly, annually, or only reviewing footage after incidents, do not support the same level of responsive and engaged security oversight that is necessary for optimal safety and incident prevention.

## 8. How can you improve nighttime visibility of CCTV cameras?

- A. By using high-resolution cameras only
- B. Installing infrared (IR) illumination or using cameras with low-light capabilities**
- C. By reducing the lens size of the camera
- D. By increasing the contrast settings on the monitors

Improving nighttime visibility of CCTV cameras is effectively achieved by installing infrared (IR) illumination or using cameras designed with low-light capabilities. Infrared illumination provides the necessary light for the camera to capture clear images in darkness, enabling surveillance even in total or near-total absence of visible light. Cameras with low-light capabilities, such as those equipped with larger sensors or advanced technologies like Starlight, are designed to perform well in low-light environments without the need for additional lighting. This combination ensures that the cameras can produce a clear and usable image regardless of the time of day, which is crucial for effective security monitoring. High-resolution cameras may enhance clarity but do not inherently improve their ability to see in low-light conditions. Reducing lens size often limits the amount of light that can enter the camera, negatively impacting image quality, especially in low-light situations. Increasing contrast settings on monitors might enhance the visibility of an image that is already captured, but it does not address the fundamental challenge of capturing usable footage in low-light scenarios in the first place. Thus, using IR illumination or low-light capable cameras is the most effective and direct method for improving nighttime CCTV visibility.

**9. Why is it necessary to have an understanding of local privacy laws for CCTV installation?**

- A. To ensure compliance with legal standards regarding surveillance and data collection**
- B. To decrease installation costs**
- C. To avoid camera malfunctions**
- D. To meet aesthetic guidelines**

Having an understanding of local privacy laws for CCTV installation is essential to ensure compliance with legal standards regarding surveillance and data collection. Each jurisdiction may have specific regulations that govern how surveillance systems can be installed and operated, particularly concerning public versus private areas, recording in residential settings, and the handling of recorded footage. Adhering to these laws helps protect the rights of individuals being monitored and prevents potential legal issues for the installer or the property owner. It is crucial to understand what constitutes permissible surveillance, how long footage can be retained, and what constitutes consent from individuals being recorded, ensuring that the installation follows all relevant guidelines and regulations. This compliance not only fosters trust within the community but also helps avoid legal repercussions that could arise from violations of privacy laws.

**10. What type of cable employs a dielectric?**

- A. Twisted pair cable**
- B. Coaxial cable**
- C. Fiber optic cable**
- D. Composite cable**

Coaxial cable is designed with a central conductor surrounded by an insulating layer of dielectric material and an outer conductive shield. The dielectric material plays a crucial role in maintaining the impedance of the cable and minimizing signal loss. It serves as an insulator that separates the inner conductor from the outer conductive shield, allowing electrical signals to travel with reduced interference and better efficiency. In contrast, twisted pair cables primarily use pairs of insulated copper wires twisted together, while fiber optic cables use glass or plastic fibers to transmit data as light. Composite cables may combine different types of conductors but do not inherently make use of a dielectric in the same manner as coaxial cables do. Understanding these characteristics highlights why coaxial cable is specifically noted for employing a dielectric.

## 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://okclosedcircuittv.examzify.com>**

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

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