

# Latest CTS Exam Question | Questions CTS Pdf

## CTS-I Certification exam 2024/2025 questions and answers 100% Correct

1. Conducting Pre installation Activities/Evaluate Overall Facility Conditions During a technical site survey for an installation with a display, information gathered should include:

- A. Color of the walls
  - B. Receptionist name and phone number
  - C. Ceiling height and construction method
  - D. Rules governing use of the freight elevator
- Ans- C. Ceiling height and construction method

[Conducting Site Rough-In/ First-Fix/Mount Substructure]

When mounting a 34kg (75lb) projector with a 7kg (15lb) mount, the substructure should be able to support a minimum weight of:

- A. 82kg (180lb)
  - B. 41kg (90lb)
  - C. 204kg (450lb)
  - D. 122kg (270lb)
- Ans- C. 204kg (450lb)

3. [Installing Audiovisual Systems/Prepare Audiovisual Rack]

Where should you place the wireless microphone receiver antenna in a rack assembly?

- A. Line of sight to the transmitter

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## AVIXA CTS Exam Certification Details:

|                       |   |
|-----------------------|---|
| Number of Questions   | 110   |
| Exam Code             | CTS   |
| Schedule Exam         | Pearson VUE                                 |
| Non-Member Exam Price | \$475(USD)                                  |
| Passing Score         | 350 / 500                                   |
| Exam Name             | AVIXA Certified Technology Specialist (CTS) |
| Books / Training      | Candidate Handbook                          |
| Sample Questions      | AVIXA CTS Sample Questions                  |

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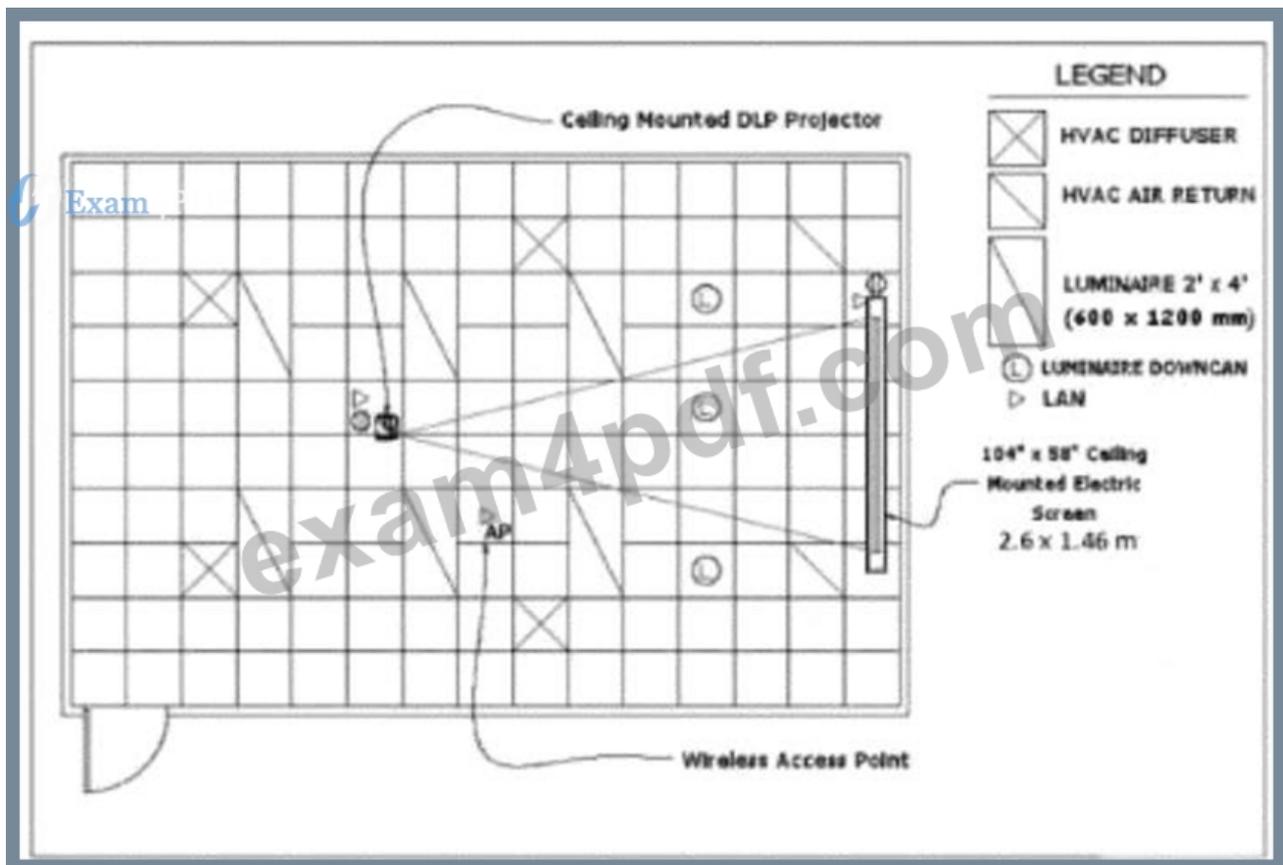
### AVIXA CTS Exam Syllabus Topics:

| Topic   | Details   |
|---------|---|
| Topic 1 | <ul style="list-style-type: none"> <li>• Servicing AV Solutions: This section of the exam measures the skills of AV maintenance managers and focuses on the maintenance and repair of AV solutions. It involves supervising AV operations, conducting preventative maintenance, performing firmware and equipment upgrades, and troubleshooting and repairing AV systems to ensure they remain functional and efficient.</li> </ul>             |
| Topic 2 | <ul style="list-style-type: none"> <li>• Creating AV Solutions: This section of the exam measures the skills of AV system designers and covers the process of creating audiovisual solutions. It includes conducting customer needs analysis, performing site surveys to assess environmental factors like lighting and acoustics, developing project scopes, and designing AV solutions with detailed drawings and materials lists.</li> </ul> |
| Topic 3 | <ul style="list-style-type: none"> <li>• Supporting AV System Operation: This section of the exam measures the skills of AV support specialists and covers the ongoing support of AV systems. It includes troubleshooting issues, providing remote assistance, supporting live events, and offering in-room operation training to ensure smooth system operation.</li> </ul>  |
| Topic 4 | <ul style="list-style-type: none"> <li>• Implementing AV Solutions: This section of the exam measures the skills of AV system integrators and focuses on the implementation of AV solutions. It involves integrating AV systems, verifying their functionality, and managing the integration process, including training, documentation, and ensuring operational readiness.</li> </ul>   |

### AVIXA Certified Technology Specialist Sample Questions (Q57-Q62):

#### NEW QUESTION # 57

Assuming a 10' (3 m) ceiling, what is the approximate volume of this room?



- A. 1500 cubic ft (42.5 m<sup>3</sup>)
- **B. 6000 cubic ft (162 m<sup>3</sup>)**
- C. 600 cubic ft (17 m<sup>3</sup>)
- D. 300 cubic ft (8.5 m<sup>3</sup>)

**Answer: B**

Explanation:

To find the volume of the room, we need to calculate the area of the floor and multiply it by the height of the ceiling. The room has a ceiling-mounted DLP projector and a 10' x 58" ceiling-mounted electric screen. Using standard room dimensions, we estimate the room's length and width to fit the equipment layout proportionally.

Assuming the room dimensions as approximately 20 feet in length and 30 feet in width:

$$\text{Volume} = \text{Length} \times \text{Width} \times \text{Height}$$

$$\text{Volume} = 20 \text{ ft} \times 30 \text{ ft} \times 10 \text{ ft} = 6000 \text{ cubic ft}$$

This calculation aligns with the provided options. References:

- \* Axis Communications - Room Design and Calculation Guidelines
- \* Standard Architectural Practices

### NEW QUESTION # 58

The MAIN benefit of an inventory tracking system in an AV rental and staging business is having an accurate record of

- A. current resale value of assets.
- B. customer's budgets and spending history.
- **C. current state and commitments of assets.**
- D. customers contact details.

**Answer: C**

Explanation:

The main benefit of an inventory tracking system in an AV rental and staging business is having an accurate record of the current state and commitments of assets. This allows the business to manage inventory efficiently, track availability, schedule rentals, and

ensure that equipment is maintained and ready for use.

According to Axis Technology Specialist documentation, maintaining accurate records of asset status and commitments is crucial for operational efficiency and customer satisfaction in the AV rental industry.

#### NEW QUESTION # 59

The bending or changing direction of a light ray as it passes through material is called

- A. dispersion.
- B. reflection.
- C. scattering.
- **D. refraction.**

**Answer: D**

Explanation:

Refraction is the bending of light as it passes from one medium to another with a different density, such as from air to glass. This change in direction occurs because the speed of light changes in different media.

CTS Technology Specialist Reference In AV, understanding refraction is essential for systems involving optics, such as projectors and lenses, where light paths affect image quality and focus.

#### NEW QUESTION # 60

A personnel change at an AV integration company results in the assignment of a new technician to an existing facility.

What is the best FIRST step for the integrator to make the transition?

- A. Give the technician directions to the site.
- B. Call the client and tell them a new technician has been assigned.
- C. Make an appointment with the client to introduce the new technician to the client.
- **D. Have the newly assigned technician review the project documentation.**

**Answer: D**

Explanation:

Before visiting the site, the new technician should review the project documentation to understand the system design, past modifications, and current status. This ensures they are well-prepared and familiar with the specifics of the installation.

CTS Technology Specialist Reference According to CTS best practices, reviewing project documentation is critical for any technician assigned to an existing project to minimize errors and ensure continuity.

#### NEW QUESTION # 61

Which agreement typically includes installation materials and workmanship against failure for a stipulated period after the installation is complete?

- **A. System warranty**
- B. Service warranty
- C. Preventive warranty
- D. Manufacturer's warranty

**Answer: A**

Explanation:

A system warranty is provided by the AV integrator and covers the entire installed system, including materials and workmanship, for a specified period post-installation. This ensures that any issues arising from the installation process are addressed without additional cost to the client.

Reference: CTS Certified Technology Specialist Exam Guide, Third Edition

#### NEW QUESTION # 62

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