

Interactive CTS Practice Exam, CTS Reliable Braindumps Ppt

CTS Practice Exam Questions With Complete Solutions

What area(s) of consideration should the AV professional address with the client regarding building structure and AV service issues? correct answer: Ensure adequate power source(s), ensure AV program source access.

How is an AV project estimate created for a client? correct answer: Calculating goods, labor, materials and other projected costs, plus a markup.

What is the diagram shown in the exhibit used for in AV management activities? correct answer: Helps in sequencing and scheduling project events.

Detailed descriptions of specific services, experience required for proposed project staff and AV drawings may be included when creating a(n)? correct answer: Request for proposal (RFP) for labor and service providers

Which pieces of equipment are necessary for testing leads and evaluating an audio signal chain? correct answer: A Signal Generator and Signal Analyzer

When commissioning for video display installation, how will the AV technician test to ensure that the video display system is working properly? correct answer: Confirm brightness, contrast and color adjustments using SMPTE PLUGE Pattern.

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AVIXA CTS Exam Certification Details:

MemberExam Price	\$375(USD)
Schedule Exam	Pearson VUE
Sample Questions	AVIXA CTS Sample Questions
Exam Code	CTS
Non-Member Exam Price	\$475(USD)
Duration	150 mins
Passing Score	350 / 500

Exam Name	AVIXA Certified Technology Specialist (CTS)
Number of Questions	110

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AVIXA CTS - General Exam Syllabus Topics:

Topic	Weight
Duty A:Creating AV Solutions	47%
Task 1:Gather Customer Information	10%
Task 2:Conduct Initial Site Survey	9%
Task 3: Evaluate Site Environment (acoustics, lighting, seating, finishing, etc.)	9%
Task 4:Develop an AV Project Scope	9%
Task 5: Design AV Solutions	10%
Domain 2:Implementing AV Solutions	27%
Task 1:Integrate AV Solutions	10%
Task 2:Operate AV Solutions	9%
Task 3:Manage AV Projects	8%
Domain 3:Servicing AV Solutions	26%
Task 1:Maintain AV Operations	8%
Task 2:Conduct Maintenance Activities	8%

AVIXA Certified Technology Specialist Sample Questions (Q29-Q34):

NEW QUESTION # 29

When planning video content with a client, it is important to get their Pantone data (PMS) to ensure

- A. the displayed colors match printed colors.
- B. their confidence monitor size is large enough.
- C. the displayed type face is the correct size and style.
- D. the displayed logo is the proper size and style.

Answer: A

Explanation:

Pantone data (PMS) is used to ensure color consistency between digital displays and printed materials. This is critical in branding to maintain accurate color representation across different mediums, particularly for logos and brand colors.

CTS Technology Specialist ReferenceCTS guidelines on content creation emphasize color matching as a key consideration for client branding, often involving Pantone color standards to achieve consistency.

NEW QUESTION # 30

An AV technician has been called to a lecture hall where the presenter complains of a loud squealing noise that makes their presentation inaudible. What is the BEST strategy to address the complaint?

- A. Increase the gain for the microphone
- B. Position the microphone in front of the loudspeakers

- C. Mute unused microphone channels on the audio mixer
- D. Position the microphone away from the presenter

Answer: C

Explanation:

The loud squealing noise is feedback, often caused by open (but unused) microphones picking up sound from the speakers and reintroducing it into the system. Muting unused channels eliminates that loop and is considered best practice during live sound reinforcement.

"Muting unused microphones prevents feedback loops and is an essential practice in live sound environments."

- AVIXA CTS Exam Guide, Audio Troubleshooting and DSP Management

NEW QUESTION # 31

Identify the cable which is LEAST susceptible to electromagnetic interference. Select the appropriate cable by clicking anywhere on the correct cable.

□

Answer:

Explanation:

□

Explanation:

The fourth cable from the left (black coaxial cable)

The coaxial cable (the fourth cable from the left) is least susceptible to electromagnetic interference (EMI) due to its construction, which includes a central conductor surrounded by a shielding layer. This shielding, often made of metal foil or braided wire, effectively blocks external electromagnetic fields, preventing them from interfering with the signal.

Here's a breakdown of each cable type:

* Twisted Pair Cable (first from the left): Susceptible to EMI unless shielded, though twisted pairs can reduce interference somewhat.

* Multi-conductor Cable (second from the left): More susceptible to EMI, depending on the shielding used.

* Fiber Optic Cable (third from the left): Immune to EMI, as it transmits data as light rather than electrical signals.

* Coaxial Cable (fourth from the left): Highly resistant to EMI due to its shielding, making it ideal for environments with significant electrical interference.

CTS Technology Specialist Reference

The CTS curriculum discusses the benefits of coaxial cable in environments with potential EMI due to its robust shielding properties. It's often recommended for AV installations where EMI is a concern. Fiber optic, which is not affected by EMI, is another choice, but coaxial is traditionally favored for certain AV applications due to cost and compatibility.

NEW QUESTION # 32

During an initial meeting with a prospective client regarding an audiovisual project, it is important to understand the customer's method of procurement in order to avoid.

- A. making commitments with regard to delivery times for equipment.
- B. designing the system beyond the budgetary constraints of the client.
- C. expending time and resources designing a project that may ultimately go to bid (tender).
- D. missing some of the important components that will be included in the final project.

Answer: C

Explanation:

Understanding the client's procurement method is crucial to determine whether the project will go to a competitive bid. This awareness helps avoid wasting resources on a design that may not be directly awarded and instead go through a bidding process, which could result in another firm being chosen.

CTS Technology Specialist Reference The CTS curriculum emphasizes the importance of clarifying procurement processes early to ensure alignment with project scope and avoid unnecessary design work that might not be retained.

NEW QUESTION # 33

There are a number of ways to attach a projector mount to a concrete ceiling. What is the PRIMARY factor that must be considered when deciding which, if any, method is appropriate?

- Answer: C**

The primary factor that must be considered when deciding how to attach a projector mount to a concrete ceiling is the condition of the concrete. Ensuring that the concrete is in good condition and can support the weight and stress of the projector mount is essential for safety and stability. Axis Technology Specialist documentation emphasizes assessing the integrity of the mounting surface to prevent structural failures and ensure secure installation.

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