



AVIXA CTS-I

AVIXA CTS-I - Installation Certification Questions & Answers

Exam Summary – Syllabus – Questions

CTS-I

[AVIXA Certified Technology Specialist - Installation \(CTS-I\)](#)

110 Questions Exam - 350/500 Cut Score - Duration of 150 minutes

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Know Your CTS-I Certification Well:

The CTS-I is best suitable for candidates who want to gain knowledge in the AVIXA Audiovisual Systems (AV). Before you start your CTS-I preparation you may struggle to get all the crucial CTS-I - Installation materials like CTS-I syllabus, sample questions, study guide.

But don't worry the CTS-I PDF is here to help you prepare in a stress free manner. The PDF is a combination of all your queries like-

- What is in the CTS-I syllabus?
- How many questions are there in the CTS-I exam?
- Which Practice test would help me to pass the CTS-I exam at the first attempt?

Passing the CTS-I exam makes you AVIXA Certified Technology Specialist - Installation (CTS-I). Having the CTS-I - Installation certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

AVIXA CTS-I - Installation Certification Details:

Exam Name	AVIXA Certified Technology Specialist - Installation (CTS-I)
Exam Code	CTS-I
Member Exam Price	\$475 (USD)
Non-Member Exam Price	\$575 (USD)
Duration	150 mins
Number of Questions	110
Passing Score	350 / 500
Books / Training	Candidate Handbook
Schedule Exam	Pearson VUE
Sample Questions	AVIXA CTS-I Sample Questions
Practice Exam	AVIXA CTS-I Certification Practice Exam

CTS-I Syllabus:

Topic	Details	Weights
Domain 1: Conducting Pre-Installation Activities		22%
Task 1: Review Audiovisual Project Documentation	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Converting scales - Local language - Reading and interpreting drawings - Interpreting measurements and symbols <p>Skill in:</p> <ul style="list-style-type: none"> - Interpreting measurements - Interpreting symbols - Reading blueprints - Reading written documentation - Utilizing the Internet - Basic computer operations - Basic math - Listening - Verbal communication - Written communication - Typing - Writing legibly 	4%
Task 2: Conduct Technical Site Survey	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Arranging site access and access limitations - Site obstacles (i.e., ceilings, flooring, walls) - Infrastructure (i.e., conduit, floor boxes, power location, data points, grounding) - Mounting/rigging points for substructures - Documenting observations (i.e., photographs, sketches, layouts) - Special requirements (i.e., local code requirements, regulations, special cable requirements, cable management) - Scaffolding - Communicating site observations to project management - Chain of command procedures - Conduit capacities - Electrical components (cable trays, pathways, backboxes, etc.) - Employer policies - General construction principles - Installation options and alternatives - Installation process - Local codes 	4%

Topic	Details	Weights
	<ul style="list-style-type: none"> - Calculating throw distances - Measuring distances - Products - System functionality - Tool limitations and capabilities - Basic first aid - Lock out/tag out standards - Safety standards (OSHA, health and safety, etc.,) - Hazard awareness <p>Skill in:</p> <ul style="list-style-type: none"> - Calculation of conduit capacities - Calculation of throw distances - Measuring distances - Basic computer operations - Basic math - Interpersonal communication - Technical writing - Climbing ladders - Taking documentary photographs of site conditions - Using a manlift 	
Task 3: Prepare for Audiovisual Installation	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Audiovisual tools, materials and equipment - Identifying connectors and cable requirements (quantity and type) - Specialty tools (lifts, transportation, etc.) - Network provisioning information - Cable pull lists and hardware lists - Special fabrication - Permitting - Calculating cable take offs - Calculating load capacities - Determining dimensions of custom parts - Estimating project and task durations - Reading and Interpreting schedules - Selecting tools and sizes - Safety meetings - Cable specifications/limits/application - Access limitations - Basic first aid - Chain of command procedures - Conduit capacities - Electrical components (cable trays, pathways, backboxes, etc.) - Employer policies - General construction principles 	4%

Topic	Details	Weights
	<ul style="list-style-type: none"> - Creating schedules - Installation options and alternatives - Installation processes - LAN/WAN topology - Local codes - Network terminology - Permitting requirements - Products - Project budgets - Project timelines - Proper tool use - Resource allocation - RoHS compliance requirements - Security requirements - Signal types transmitted by different cables - Structural components and capacities - Supply management - System functionality - Types of connectors and appropriate cable types - Tool limitations and capabilities - Activities performed by other construction trades <p>Skill in:</p> <ul style="list-style-type: none"> - Calculation of cable take offs (estimate cable quantities) - Calculation of load capacities - Determining dimensions of custom parts - Estimating project and task durations - Following instructions - Reading and interpreting schedules - Selecting correct tools and sizes - Basic computer operations - Basic math - Interpersonal communication 	
Task 4: Evaluate Overall Facility Conditions	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Site logistics (parking, loading docks, elevators, lifts, etc.) - Building access obstacles - Required infrastructures - Appropriate site conditions (i.e., dust free, HVAC operational, power, lighting) - Calculating weight capacities - Measuring distances - Activities performed by other construction trades - Building timelines - General construction principles 	3%

Topic	Details	Weights
	<ul style="list-style-type: none"> - Security requirements - Visual-spatial relationships - Construction hazards - General hazards - Facility specific hazards <p>Skill in:</p> <ul style="list-style-type: none"> - Calculation of weight capacities - Measuring distances - Written communication - Verbal communication 	
Task 5: Maintain Tools and Equipment	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Rechargeable meters - Drilling and cutting tools (bits, wire strippers, wire cutters, saw blades, etc.) - Calibrating test equipment - Labeling kits - Electrical safety testing - Tagging of electrical tools and equipment - First aid kits and fire extinguishers - Testing and tagging of safety and access equipment - Equipment testing protocols - Grounding - Electrical power and electrical current - Pre-use equipment checks - Tagging requirements to verify inspection - Tool and equipment calibration requirements - Voltage <p>Skill in:</p> <ul style="list-style-type: none"> - Basic math - Recognizing defective equipment - Using a voltmeter 	3%
Task 6: Prepare Site for Installation	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Marking installation locations for equipment and services - Assembling scaffolding - Identifying hazards and taking safety measures - Calculating throw distances - Measuring distances - Asbestos - Ceiling systems - Construction terminology - General construction principles - Hazards 	4%

Topic	Details	Weights
	<ul style="list-style-type: none"> - Responsibilities of other trades - Scaffolding assembly - System functionality - Ladder safety - Fall protection - Confined spaces - Customer safety - Safety zones - OSHA/HSE <p>Skill in:</p> <ul style="list-style-type: none"> - Interpersonal communication - Basic math 	
Domain 2: Conducting Site Rough-In/First-Fix		11%
Task 1: Deinstallation of Existing Equipment/cabling	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Selecting equipment/cabling that should be removed - Removing equipment/cabling - Disposing of removed equipment/cabling - Storing equipment/cabling per customer instructions or scope of work. - Preparing equipment for reinstallation (testing, cleaning, labeling, etc.) - Calculating weights and loads - Electrical power - Local disposal regulations - Manual handling techniques - System functionality - OSHA/HSE - Cadmium hazard - Asbestos - CRT <p>Skill in:</p> <ul style="list-style-type: none"> - Interpersonal Communication - Drilling holes - Painting - Cutting drywall/plaster board 	3%
Task 2: Pull Cable	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Identifying cable paths by signal types - Cable pull lists and drawings - Cable groupings - Cable routes/paths for non-conduit cables - Cutting in mud rings, low voltage rings, electrical boxes (or pattresses), backboxes, etc. - Installing cable supports/containment 	4%

Topic	Details	Weights
	<ul style="list-style-type: none"> - Preparing cables for pulling - Marking cables - Marking spools and drums - Pulling cable - Securing cable - Securing cable ends - Calculating areas - Calculating lengths - Interpreting drawings - Measuring diameters - Measuring lengths - Measuring volumes - Measuring with an architect's scale - Cable pulling techniques - Cable terminology - Cable types and applications - Conduit capacities - Fiber optic cables - Fiber optic cable handling techniques - Firestop requirements - OSHA/HSE/COSHH and related standards - Project requirements - Tensile and shear strengths - Fiber optic disposal - Asbestos - Power tool certifications - Confined spaces - COSHH - Control of hazardous substances <p>Skill in:</p> <ul style="list-style-type: none"> - Calculating areas - Calculating lengths - Interpreting drawings - Measuring diameters - Measuring lengths - Measuring volumes - Basic math - Applying firestop materials - Climbing ladders - Cutting cable - Making a snout (wire pull cable harness) - Pulling cable - Marking cable 	
Task 3: Mount Substructure	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Locations for mountings - Methods/materials for mountings 	4%

Topic	Details	Weights
	<ul style="list-style-type: none"> - Prefabricated structures - Installing anchors - Attaching substructures - Testing mountings of substructures - Measuring distances - Calculating weight capacities - Adequacy of substructures - Blocking (or noggin) - Concrete construction methods and materials - Correct locations for placing fasteners - Engineering lumber - Fasteners (capabilities, limitations, options, etc.) - Glue laminated construction methods - Pipes - Powder actuated tools - Rigging - Safe working loads (weights and safety margins) - Seismic restraints - Slotted channel and accessories (unistruts) - Steel construction methods and materials - Tensile and shear strengths - Threaded rods - Throw distances - Wood frame construction methods and materials - OSHA/HSE - Powder actuated tool certification - Safety zones - General work site conditions <p>Skill in:</p> <ul style="list-style-type: none"> - Measuring distances - Basic math - Cutting - Drilling - Calculating weight capacities - Interpersonal communication 	
Domain 3: Installing Audiovisual Systems		37%
Task 1: Conduct Off-site Fabrication	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Creating material lists for off-site fabricated items - Assembling off-site fabricated items - AC theory - Basic electronic components (resistors, diodes, transformers) - Basic metalworking techniques: types of metal, gage, drilling, tapping, punching, layout, bend radius - Basic woodworking techniques: types of wood and 	3%

Topic	Details	Weights
	<p>finishes, drilling, cutting, layout, laminates</p> <ul style="list-style-type: none"> - DC theory - Lead time and schedule restrictions - Materials - Outsourcing and fabrication options - Punch tools - Tap and die use - Tool selection - OSHA and health and safety Requirements <p>Skill in:</p> <ul style="list-style-type: none"> - Cutting - Drilling - Marking out items 	
Task 2: Prepare Audiovisual Rack	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Drawings and project documentation - Assembling audiovisual equipment racks from kits - Populating audiovisual equipment racks - Installing rack infrastructures (lacing, power, fans, peripherals, etc.) - Documenting serial numbers of equipment - Interpreting rack elevations - Measuring rack units - ADA requirements - Electrical power and grounding - Rack accessories and components - Rack elevation design - Screw gun settings, torque settings - Standard rack unit and width - System functionality and components - Ventilation requirements - Weight distribution <p>Skill in:</p> <ul style="list-style-type: none"> - Reading comprehension - Assembling a rack 	4%
Task 3: Wire the Audiovisual Equipment Rack	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Setting up workstations (terminating supplies, heat shrink guns, etc.) - Selecting cables for applications - Determining cable dressing strategies - Measuring cable lengths - Terminating cables (audiovisual, network, power, etc.) - Installing cables and cable management techniques 	4%

Topic	Details	Weights
	<ul style="list-style-type: none"> - Cable labeling - Testing cable - Testing rack loaded components - Documenting changes (mark ups) - Selecting die sets - Measuring cable lengths - Crimping techniques (BNC, spade lugs, bell caps, ferrules) - Adjusting torque on screw gun - Balanced and unbalanced audio - Cable types - Client requirements (e.g., military, government) - Compression connections - Compression techniques - Connector types - Cable preparation for connector types - Crimp connections - Dressing techniques for racks - Fiber optic terminations - Insulation displacement - Labeling systems - Lacing components - Linear compression techniques - Plenum rated tie wraps - Tie wrap applications and selection - Service loops - Signal separation - Signal types - System functionality - The project specifications - OSHA/HSE - Spacing of components for access to connections <p>Skill in:</p> <ul style="list-style-type: none"> - Applying heat shrink - Basic computers - Creating service loops - Dressing wire - Soldering - Cutting wire - Applying barrier strips 	
<p>Task 4: Distribute Audiovisual Equipment</p>	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Equipment manifests and delivery schedules - What to do in the event of equipment damage - Obtaining delivery confirmations - Documenting serial numbers of equipment 	<p>3%</p>

Topic	Details	Weights
	<ul style="list-style-type: none"> - Client and company policies and procedures - Reading and using floor plans - Hazards - Projects - Proper loading techniques to avoid equipment damage - Site restrictions - Timelines - Wrapping, banding, palleting equipment - Safe bending and lifting techniques - OSHA/HSE - Loading techniques <p>Skill in:</p> <ul style="list-style-type: none"> - Basic math - Interpersonal communication - Reading and writing - Written communication 	
Task 5: Mount Audiovisual Equipment	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Acceptable substructures for specific purposes - Installing mounting brackets and mounting hardware - Customized millwork/joinery for audiovisual installations - Installing equipment - Preparing cables for termination - Terminating cables - Connecting power to equipment - Dressing cables - Measuring distances - Calculating weight capacities - Blocking (or noggin) - Cleaning supplies and techniques - Concrete construction methods and materials - Correct locations for placing fasteners - Correct mountings for components - Engineered lumber - Fasteners (capabilities, limitations, options, etc.) - Glue laminated construction methods - Metal frame construction methods and materials - Pipes - Powder actuated tools - Rigging - Safe working loads (weights) and safety margins - Seismic restraints - Slotted channel and accessories (unistrut) 	4%

Topic	Details	Weights
	<ul style="list-style-type: none"> - Steel construction methods and materials - Tensile and shear strengths - Threaded rods - Throw distances - Wood frame construction methods and materials - OSHA/HSE - Safety zones - Work site safety <p>Skill in:</p> <ul style="list-style-type: none"> - Measuring distances - Basic math - Calculating weights - Interpersonal communication - Cutting - Drilling 	
Task 6: Terminate Cables	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Preparing cable ends - Connectors - Applying insulation (heat shrink, sleeving, etc.) - Attaching connectors - Labeling cables - Identifying fiber optic terminations (sc/st/fc/mt-rj) - Crimping techniques (BNC, spade lugs, bell caps, ferrules) - Compression techniques - Fiber optic cable types (single mode, multimode) and sizes - Fiber optic technology (transceivers) - Fiber optic terminology - Handling techniques for fiber optic cable - Insulation displacement - Interduct (conduit type for fiber optic) - Cable types - Limitations of fiber optic cables and connectors - Linear compression techniques - Stripping techniques - RoHS compliance requirements - Signal types - Testing fiber optic cable for signal continuity and attenuation - OSHA/ESE - Eye protection - Fiber optic technology safety protocols - RoHS 	4%

Topic	Details	Weights
	<p>Skill in:</p> <ul style="list-style-type: none"> - Applying heat shrink - Soldering - Cutting wire 	
<p>Task 7: Configure Network Attached Components (ISDN, IP, POTS, etc.)</p>	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Network topologies - Loading network configurations into equipment - Preparing AV Internet protocol tables - Network connectivity - Basic router configuration (e.g., Linksys WRT54G) - Cable types/specifications - Classifications of IP addresses (routable, unroutable) - Testing network connectivity (ping) - Testing terminations - Network equipment - Network systems - Network terminology - Projects - Wireless connectivity (Wi-Fi, RF, IR) <p>Skill in:</p> <ul style="list-style-type: none"> - Communicating with subcontractors - Basic computers - Interpersonal communication 	<p>4%</p>
<p>Task 8: Load Control Programs</p>	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Establishing communications with devices - Obtaining correct versions of uploadables - Loading audiovisual programming - Verifying codes are loaded and saved - Testing communications to ancillary devices - Selecting cables - Downloading firmware updates - Audiovisual equipment configurations - Baud rates - Company policies and procedures for archiving and saving code - DSP programs - Firmware (verification, updates, compatibility) - Obtaining manufacturer updates - Signal types <p>Skill in:</p> <ul style="list-style-type: none"> - Basic computers 	<p>3%</p>

Topic	Details	Weights
Task 9: Test the Audiovisual Equipment	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Operational procedures for audiovisual equipment - Correct cable connectivity - Selecting appropriate test equipment and supplies - Proper test methods and requirements - Performing audiovisual tests - Comparing tests results with specifications - Troubleshooting AV equipment - Performing corrective actions to systems - Calculating anticipated impedance - Calculating Ohm's Law - Measuring impedance - Testing audio DSP - Testing audio signal paths - Testing device communications - Testing limits - Testing RF signal paths - Testing speakers - Testing video signal paths - Adjusting audio gain - Anti-static techniques - Audio gain structures - Signal processing components (EQ, limiter) - System functionality - Vendor policies, phone numbers - Video system timing - Wave form monitors and vectorscopes - Electrical safety <p>Skill in:</p> <ul style="list-style-type: none"> - Basic computers - Adjusting basic color balance display 	4%
Task 10: Calibrate Audiovisual Equipment	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Calibration standards - Component adjustments - Aligning display equipment to system configurations for optimal performance - Adjusting gain structure for audio - Adjusting gain structure for video - Setting user preferences for equipment (power management, signal type, etc.) - Aiming loud speakers - Adjusting camera configurations - Setting limits for equipment (cameras, screens, etc.) - Setting up lighting (presets, fixture positions, zoning, etc.) 	4%

Topic	Details	Weights
	<ul style="list-style-type: none"> - Setting up assisted listening devices - Adjusting gain and channel on RF frequencies - Adjusting microphones for optimal performance - Timing video and audio systems - Adjusting equalization of rooms (sound systems, etc.) - Setting data baud rates - Calculating anticipated impedance - Calculating Ohm's Law - Determining speaker taps - Measuring impedance - Measuring signal levels - Reading schematics - Anti-static techniques - Audio gain structure - Distributed audio systems - Equalization of a room - Project requirements and specifications - Signal processing components (EQ, limiter) - Signal to noise ratio - System functionality - Video system timing - Wave form monitor and vectorscope - Electrical safety - Reading and setup of EDID - HDCP <p>Skill in:</p> <ul style="list-style-type: none"> - Basic computers - Interpersonal communication - Reading and writing - Adjusting audio DSP - Adjusting audio gain - Adjusting basic color balance displays - Adjusting video system timing - Setting speaker taps - Setting and locking limits - Setting RF Channels - Aiming and positioning microphones 	
Domain 4: Perform Systems Close Out		11%
Task 1: Demonstrate to Client or Client's Representative that System Performs to Specifications	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Generating punch lists/deficiency lists - Resolving punch lists and deficiency lists - Substantial completion sign-offs - Project timelines - System functionality 	4%

Topic	Details	Weights
	<ul style="list-style-type: none"> - Troubleshooting techniques - Test equipment <p>Skill in:</p> <ul style="list-style-type: none"> - Basic computers - Interpersonal communication - Reading and writing 	
Task 2: Obtain Project Completion Sign-Off from Client or Client's Representative	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Deliverables (inventory lists/assets register, manuals, remotes, as-builts, etc.) - Warranty coverages - Maintenance schedules - Project timelines - System functionality <p>Skill in:</p> <ul style="list-style-type: none"> - Basic computers - Interpersonal communication - Reading and writing 	3%
Task 3: Provide Training on Equipment Operation	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Training techniques - Training attendance logs - Company policies and procedures - Customer expectations - System functionality <p>Skill in:</p> <ul style="list-style-type: none"> - Basic computers - Verbal Communication 	4%
Domain 5: Conducting Ongoing Project Responsibilities		19%
Task 1: Perform Site Clean-up	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Debris removal - Cleaning protocols and methods - Appropriate cleaning products for equipment - Site protocols (dumpsters, rules, etc.) 	3%
Task 2: Complete Daily Progress Reports	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Reporting procedures for damaged, defective or missing equipment - Reporting procedures for man-hours - Reporting procedures for additional expenses - Estimating time to project completion - Reporting procedures for project delays, design deficiencies, changes in scope of work and requests 	3%

Topic	Details	Weights
	for additional resources - Company policies and procedures - Project tasks - Vendor policies and phone numbers Skill in: - Basic computers - Interpersonal communication - Planning - Observation - Reading and writing	
Task 3: Coordinate with Other Contractors	Knowledge of: - Construction progress meetings - Reporting procedures for discrepancies and coordination issues - Responsibilities of various contractors - Scheduling practices Skill in: - Communicating with other contractors - Interpersonal communication	3%
Task 4: Conduct Field Engineering	Knowledge of: - Creating field mark-ups (design changes, site conditions, etc.) - Making design modifications to accommodate site issues - Making installation decisions in response to assessments of sites - Communicate changes to engineering, project managers and others - Adequacy of substructures - Blocking (or noggin) - Cleaning supplies and techniques - Company policy and procedures - Concrete construction methods and materials - Correct locations for placing fasteners - Correct mountings for components - Engineered lumber - Equipment capabilities - Fasteners (capabilities, limitations, options) - Glue laminated construction methods - Completing markups - Metal frame construction methods and materials - Pipes - Powder actuated tools	4%

Topic	Details	Weights
	<ul style="list-style-type: none"> - Rigging - Safe working loads (weights) and safety margins - Seismic restraints - Slotted channel and accessories (unistrut) - Steel construction methods and materials - Tensile and shear strengths - Threaded rods - Wood frame construction methods and materials <p>Skill in:</p> <ul style="list-style-type: none"> - Communicating with other contractors - Interpersonal communication - Basic math 	
<p>Task 5: Repair Audiovisual Systems</p>	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Troubleshooting system problems - Making recommendations for problem resolution - Implementing problem resolutions - Calculating signal levels - Measuring impedance - Testing audio DSP - Testing audio signal paths - Testing device communications - Testing limits - Testing RF signal paths - Test speakers - Testing video signal paths - Company policy and procedures - Conferencing products - Control systems - Customer expectations - DSP - Individual system component capabilities - Service agreements and warranties - Signal to noise ratios - System functionality - Troubleshooting techniques - Vendor policies <p>Skill in:</p> <ul style="list-style-type: none"> - Interpersonal communication - Adjusting audio gain - Adjusting basic color balance displays 	<p>3%</p>
<p>Task 6: Maintain AV Systems</p>	<p>Knowledge of:</p> <ul style="list-style-type: none"> - Maintenance requirements for systems - Maintenance schedules 	<p>3%</p>

Topic	Details	Weights
	<ul style="list-style-type: none"> - Obtaining parts and supplies for maintenance - Performing maintenance activities - Performing system/component functionality tests - Submitting maintenance documentation - Cleaning procedures and products - Manufacturer's recommended maintenance schedules - Service agreements and warranties - Testing practices <p>Skill in:</p> <ul style="list-style-type: none"> - Interpersonal communication 	

AVIXA CTS-I Sample Questions:

Question: 1

In which situations or environments is the system optimization method of gain adjustment preferable to the unity gain method?

- a) In performing arts centers and lecture halls
- b) For installations with short deadlines
- c) For systems with .75 V input signal levels
- d) Where clipping levels will not vary within the system

Answer: a

Question: 2

Which statement accurately describes what you should do when de-installing existing equipment?

- a) Dispose of equipment right away
- b) Remove the connecting cables
- c) Smash the hardware so that data cannot be stolen
- d) Call an electronic waste recycling contractor

Answer: b

Question: 3

After which of the following activities is an AV project completed?

- a) All hardware is installed
- b) Software integration is completed
- c) Verification that the system is operational
- d) System closeout activities are completed

Answer: d

Question: 4

What is a best practice when installing cables where there is no conduit for ceiling-mounted projectors?

- a) Securing the cables with bridle rings mounted to bar joists
- b) Resting the cables gently on the ceiling tile
- c) Interlacing the cables
- d) Stacking the cables along one side of the ceiling grid

Answer: a

Question: 5

Which of the following provides a method of ensuring best image quality between source and sink/display?

- a) HDCP
- b) EDID
- c) HDMI
- d) Hot plug

Answer: b

Question: 6

A projector weighing 429 pounds (195 kilograms) should be mounted only to what type of surface?

- a) Ceiling tile of an auditorium
- b) Front wall in a classroom
- c) Drywall in conference room
- d) Building structural support or blocking

Answer: d

Question: 7

What type of rack would you use for a room with limited space for servicing equipment?

- a) Fixed stand-alone
- b) Portable
- c) Wall-mounted
- d) Built-in

Answer: d

Question: 8

Where should a DVD player be placed in a rack?

- a) At the bottom of the rack
- b) At the top of the rack
- c) Next to an audio speaker
- d) Within the user's reach

Answer: d

Question: 9

What is the primary reason an AV installer should attend weekly construction meetings?

- a) Learn about safety requirements
- b) Establish relationships with allied trade teams
- c) Identify changes that will affect the AV installation
- d) Find out when the cafeteria is open

Answer: c

Question: 10

How can you access regional codes for safety procedures?

- a) Check with the client
- b) Check with local residents
- c) Check websites of standards organizations
- d) Check websites of manufacturers

Answer: c

Study Guide to Crack AVIXA CTS-I – Installation Exam:

- Getting details of the CTS-I syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the CTS-I exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the AVIXA provided training for CTS-I exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the CTS-I sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on CTS-I practice tests is must. Continuous practice will make you an expert in all syllabus areas.

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