

[2025 CTS-D Dumps are Available for Instant Access [Q48-Q67]



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[2025 CTS-D Dumps are Available for Instant Access Valid CTS-D Dumps for Helping Passing CTS-D Exam! NO.48
Contrast ratio should be measured from _____ locations within the viewing area.

Response:

- * All
- * Two
- * Four
- * Five

NO.49 An AV integrator's documentation that includes scope of work, definition of systems, and responsibilities should be defined in which of the following documents?

Response:

- * Commissioning punch list
- * Systems specification
- * Schematic design narrative
- * Project submittals

NO.50 Which is an important consideration for AV designers concerning a client's existing wireless network?

Response:

- * QoS could be minimized.
- * Variable bandwidth dynamics issues.
- * Integration of POS equipment into the system.
- * Data security/encryption issues.

NO.51 When you've identified a security risk, you can avoid it, accept it, transfer it, or _____.

Response:

- * Mitigate it
- * Change it
- * Eliminate it
- * Reconfigure it

NO.52 Considering a 2400 watt lighting dimmer is available, the design load for the system should NOT exceed:

Response:

- * 1300 watt
- * 2400 watt
- * 1920 watt
- * 1750 watt

NO.53 To transport audio using AVB/TSN, you must have at least _____ Ethernet.

Response:

- * 10 Mbps
- * 10 Gbps
- * 1 Gbps
- * 100 Mbps

NO.54 In an AV project involving a courtroom, sightlines from the jury box are obscured by an architectural feature. How should the issue be addressed?

Response:

- * Consult with the end user on the best way to address the obscurity
- * Instruct the lead technician to request a construction change directive to address the problem
- * Generate a request for information
- * Move the required equipment to an unobscured location

NO.55 Which of the following is a type of control system?

Response:

- * Cloud-based
- * Computer-driven
- * Habitual learning
- * All of the above

NO.56 What formula is used to predict the transmission loss of single-layer, impermeable materials?

Response:

- * Mass law
- * Ohm's law
- * Frequency coefficient
- * Inverse square law

NO.57 What systems should be included when drawing AV network diagrams?

Response:

- * The connected devices, cabling system, wireless links
- * Lighting and projection, noise synching, ambient noise reduction
- * Sprinkler system, ceiling plan, touch panel, plumbing runs
- * Signal control, audio auditing, laser conduit

NO.58 Which of the following is a mitigation strategy for addressing security risks introduced by AV systems?

Response:

- * Putting AV systems on a VLAN
- * Hiring a security expert
- * Building a firewall
- * Setting all passwords to 'password';

NO.59 Calculating for loudspeaker coverage takes into account which of the following?

Response:

- * Dispersal patterns, room dimensions, and number of speakers
- * Ceiling height, listeners' ear height, and the speaker's angle of coverage
- * Number of listeners, type of audio, speaker power
- * Number of speakers, type of speakers, acoustic treatments

NO.60 If you have a projector that is 2500 ANSI lumens on a 5.5 m2 standard matte white screen, what should be the limits of the task lighting? Note that the projector specification is derated by 25 percent.

Response:

- * 515 to 1001 lux
- * 113.6 to 1022.7 lux
- * 120 to 175 lux
- * 527 to 632 lux

NO.61 According to the ANSI/INFOCOMM 3M-2011 standard, Projected Image System Contrast Ratio, what is the minimum contrast ratio of basic decision-making tasks?

Response:

- * 15:1
- * 80:1
- * 7:1
- * 50:1

NO.62 What factors MUST be considered when designing and drawing rack elevation diagrams?

Response:

- * User mobility, competence of the technician, quality of the rack material
- * Amount of RJ-45 connectors used, amount of conduit used
- * Equipment manufacturer, model year of equipment, number of USB ports
- * Ergonomics, weight distribution, RF and IR reception, heat loads, signal separation

NO.63 The main considerations when selecting a cable shield are:

Response:

- * Materials, permeability, and conductors
- * Coverage, flexibility, and frequency range
- * Cable types, gauge, and interference
- * Impedance, flexibility, and materials

NO.64 The first step when determining conduit capacity for cable should be to determine the:

Response:

- * Wire dimensions exclusive of insulation multiplied by 3.1459
- * Allowable fill percentage based upon local codes and regulations
- * Bend radius for all cables utilized in the installation
- * Cable resistance and multiply by a factor of 5

NO.65 What is the purpose of mapping in human-centered interface design?

Response:

- * Lay out the design for clear understanding
- * Signal what actions are possible and how they should be done
- * Communicate what the design can or cannot do
- * Communicate the results of an action

NO.66 Under what circumstances might you advise a client to implement a multi-point video conferencing control unit?

Response:

- * For international video conferencing
- * For video streaming a conference
- * For connecting 2 codecs from different manufacturers
- * For distance learning to 8 classrooms

NO.67 An image constraint token onscreen indicates a problem with _____.

Response:

- * HDMI
- * UHDTV
- * EDID
- * HDCP

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