

Certified Technology Specialist - Installation

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

A. Software integration is completed

B. System closeout activities are completed

C. All hardware is installed

D. Verification that the system is operational

Answer(s): B

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

A. 180 lbs (82 kg)

B. 450 lbs (204 kg)

C. 90 lbs (41 kg)

D. 270 lbs (122 kg)

Answer(s): B

3. When removing existing cabling, the AV technician should:

A. Identify and mark what is to be re-used

B. Make a drawing of how the system is wired

C. Abandon old cabling

D. Should cut all cables

Answer(s): A

4. When training a customer on the operation of a touch panel interface, an example that the GUI is a good design that meets the customer's needs:

A. The customer wants only a few changes

B. The customer thinks the panel looks cool

C. The customer can easily step in and use the Touch Panel with little explanation

D. The customer requires intensive training on the operation of the Touch panel

Answer(s): C

5. A primary reason for attending construction meetings is to:

A. Find out the project's completion date

B. Identify changes to the original design that will affect the AV installation

C. Develop a relationship with the other people on the job

D. Submit invoices and other budget documentation

Answer(s): B

6. What is the problem with the cable bundle dressing in the picture?

A. The cable insulation is too soft.

B. The ties are overtightened.

C. The cable ties are too close.

D. The cables are not RGB.

Answer(s): B

7. What type of termination technique is used for a solid conductor RJ45 connector?

A. Compression

B. Crimp

C. Insulation displacement

D. Solder

Answer(s): C

8. Which of the following is a form of encryption to protect copyrighted content?

A. EDID

B. VESA

C. HDCP

D. HDMI

Answer(s): C

9. The original LCD monitor specified on the project was not available. The model used to replace it has a lower native resolution than the original monitor. What device could be used to keep the

EDID table from now calculating the EDID table to a lower resolution for the whole system?

A. EDID emulator

B. Scaler

C. Transcoder

D. Scan Converter

Answer(s): B

10. What are key considerations when determining projector placement?

A. Type of lens

B. Throw distance

C. Standard deviation

D. Offset value

Answer(s): A,B,D

11. What is a control system?

A. An interface between a human and a machine or system

B. A system for managing a network

C. An authorization policy

D. A strategy for managing workgroups

Answer(s): A

12. What document is used to account for lost time due to other trades during a project

Response:

A. RFI

B. Punch list

C. Submittals

D. Daily Progress report

Answer(s): D

13. A network cabling test that verifies a signal can travel from one end of the cable to the other is called a(n) ____?

A. Polarity

B. Insulation

C. Impedance

D. Continuity

Answer(s): D

14. Which of the following are parts of an IP address for a networked device?

A. Bit rate

B. Network identifier

C. Subnet mask

D. Host identifier

Answer(s): B,C,D

15. In an electrical system, a ground fault is ____.

A. an electrically conductive area that has two or more ground reference connections

B. an interruption of a cable shield connection

C. an electrical connection between any grounded conductor and any non-current-carrying metal object

D. a continuous isolation between receptacles and electrical circuits

Answer(s): C

16. Before audiovisual equipment can be brought to a site what MUST occur?

A. All cable must be installed

B. General contractor must obtain a CO

C. The rack must be wired

D. The site must be clean and dust free

Answer(s): D

17. What is the point at which power enters the building?

A. The main line

B. The electrical entrance

C. The service entrance

D. The feeder

Answer(s): C

18. What should you do after setting the control address of a device?

A. Erase this information from the system documentation

B. Give the customer an encrypted list of these settings

C. Back them up by posting on Facebook

D. Mark the equipment with this information

Answer(s): D

19. When powering a system on, which device should you turn on last?

A. Wireless mic receivers

B. Power amplifiers

C. Blu-ray players

D. Pre-amplifiers

Answer(s): B

20. What piece of test equipment is used to assist in setting up an equalizer in a room?

A. Real Time Analyzer

B. Impedance bridge

C. Volt meter

D. VTG

Answer(s): A
