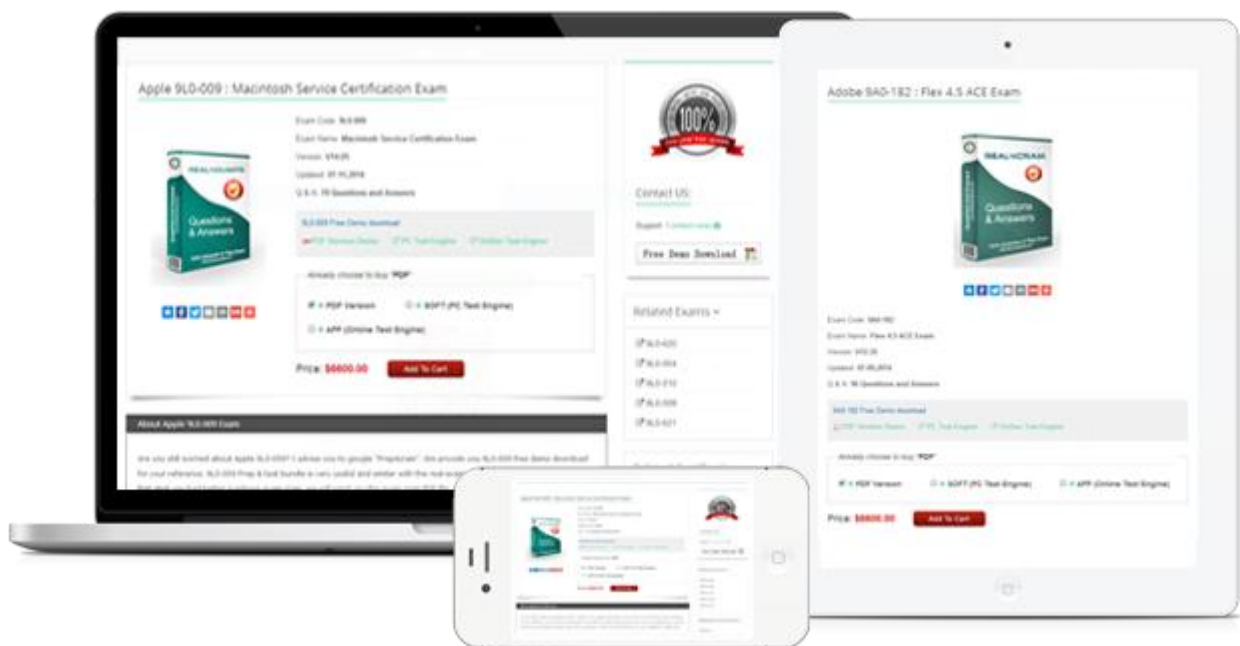


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NO.1 Which of the following best describes "project commissioning" in AV projects?

- A. Installation of AV equipment
- B. Testing and verification of system performance before handover
- C. Training end users
- D. System design

Answer: B

NO.2 Which of the following is an example of an AV control protocol?

- A. RS-232
- B. HTTP
- C. FTP
- D. SMTP

Answer: A

NO.3 Which technology allows AV equipment to be controlled over IP networks?

- A. TCP/IP protocol
- B. HDMI
- C. XLR
- D. USB

Answer: A

NO.4 What does the term "commissioning" mean in AV system projects?

- A. System testing, verification, and adjustment before handover
- B. Installation of cables
- C. Writing user manuals
- D. User training

Answer: A

NO.5 Which is a typical function of an AV control processor?

- A. Routing audio signals
- B. Centralized control and automation of AV devices
- C. Powering displays
- D. Amplifying audio signals

Answer: B

NO.6 Which of the following best defines "scalability" in AV system design?

- A. The system's ability to expand or upgrade in the future without major redesign
- B. The initial cost of the system
- C. The physical size of equipment
- D. The weight of cables

Answer: A

NO.7 Which of the following best describes "scalability" in AV system design?

- A. System's ability to be expanded or upgraded easily
- B. Initial installation cost
- C. Cable type used
- D. Signal strength

Answer: A

NO.8 What is the role of "project management" in AV system design?

- A. Purchasing equipment
- B. Planning, organizing, and managing resources to complete the project on time and within budget
- C. Installing cables
- D. Training end users

Answer: B

NO.9 Which of the following cable types is most suitable for audio signals that require noise rejection?

- A. Unshielded twisted pair (UTP)
- B. Shielded twisted pair (STP)
- C. Coaxial cable
- D. HDMI cable

Answer: B

NO.10 Which document typically includes system block diagrams and detailed design drawings?

- A. System design package
- B. Installation manual
- C. User guide
- D. Project charter

Answer: A

NO.11 Which of these is an important factor when planning speaker placement in a meeting room?

- A. Proximity to the nearest window
- B. Audience seating arrangement and room acoustics
- C. The color of the walls
- D. Number of power outlets

Answer: B

NO.12 In AV system design, what is the purpose of a "commissioning plan"?

- A. To schedule user training sessions
- B. To outline the testing and verification process after installation
- C. To describe equipment warranties
- D. To specify power requirements

Answer: B

NO.13 In an AV system, what is the purpose of a DSP (Digital Signal Processor)?

- A. To convert analog signals to digital
- B. To manage and manipulate audio or video signals for optimal performance
- C. To amplify signals
- D. To provide power to devices

Answer: B

NO.14 Which of the following is a common method for controlling ambient noise in AV system design?

- A. Increasing the amplifier gain
- B. Using acoustic treatment materials
- C. Positioning microphones closer to noise sources
- D. Adding more speakers

Answer: B

NO.15 What is the primary advantage of using PoE (Power over Ethernet) in AV system design?

- A. It increases video resolution
- B. It eliminates the need for separate power cables to devices
- C. It guarantees better signal quality
- D. It simplifies audio mixing

Answer: B