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Exam : **AX0-100**

Title : **Axis Network Video Exam**

Version : **Demo**

1.Which of the following statements are true for H.264? (Choose two)

- A. The size of an I-frame depends on the preceding P-frame
- B. Increased motion in a scene means increased bit rate
- C. Group of Video (GOV) length is directly affected by the sizes of the I- and P-frames
- D. A P-frame references preceding and succeeding P-frames
- E. Longer GOV length means reduced bit rate

Answer: B,E

2.What is the main purpose of the Arctic Temperature Control functionality.?

- A. To protect the camera electronics
- B. To protect the camera mechanics
- C. To protect the camera lens
- D. To protect the camera power

Answer: B

3.Which is true regarding the use of a smoked (tinted) dome instead of a clear dome?

- A. Decreases color fidelity
- B. Decreases field of view
- C. Disables infrared capabilities
- D. Reduces light sensitivity

Answer: D

4.A company is looking for a dome designed to withstand vibrations inherent to transportation. Which of the following cameras should be recommended?

- A. AXIS P3344-VE
- B. AXIS M3014
- C. AXIS M3114-R
- D. AXIS P1344

Answer: C

5.Which is a benefit of using VLANs and IP subnets?

- A. An encrypted communication link is established over the internet, allowing surveillance video to be securely viewed off-site
- B. The network provides end-to-end encryption to prevent malicious users from intercepting network traffic
- C. The network will only allow access from authorized devices, eliminating the risk that malicious users disconnect cameras to intercept network traffic
- D. Network surveillance video can be kept separate from other network traffic, reducing the risk that malicious users will intercept it

Answer: D

6.DRAG DROP

Match each function to the correct video surveillance system component. Drag each gray box from the left column to the matching blue box in the right column.

| | |
|-------------------------|--|
| Network camera | Exports video |
| Ethernet switch | Connects twisted pair with fiber optic cabling |
| Video Management System | IEEE 802.1X authenticator |
| DHCP server | Compresses video data |
| Media converter | Allocates IP addresses to cameras |

Answer:

| | |
|-------------------------|-------------------------|
| Network camera | Media converter |
| Ethernet switch | Network camera |
| Video Management System | DHCP server |
| DHCP server | Video Management System |
| Media converter | Ethernet switch |

7. In many places 24 V AC has been popular as a power source but now 12 V and 24 V DC is increasing in popularity because

- A. There is more energy in DC.
- B. It is easier to back-up DC with battery.
- C. There is less power loss in cables with DC.
- D. There is less risk for surge with DC.

Answer: B

8. When initiating a surveillance project with a customer, which of the following should be considered first?

- A. Understand which camera models to use

- B. Understand the customer's technical knowledge
- C. Understand the customer's goals and requirements
- D. Understand the legal aspects for the installation

Answer: C

9. Which of the following are outdoor rated products? (Choose two)

- A. AXIS M3114-R
- B. AXIS P3304-VR
- C. AXIS P1344-E
- D. AXIS P3344-VE
- E. AXIS M1031-W

Answer: C,D

10. DRAG DROP

Match the protocol to its default port number. Drag each gray box from the left column to the matching blue box in the right column.

| | |
|-------|-----|
| HTTP | 25 |
| HTTPS | 443 |
| FTP | 21 |
| SMTP | 80 |

Answer:

| | |
|-------|-------|
| HTTP | FTP |
| HTTPS | SMTP |
| FTP | HTTP |
| SMTP | HTTPS |

11. Which of the following allows customer to access between 2-4 channels of live and online stored video at any time?

- A. AXIS Camera Station
- B. AXIS Video Hosting System (AVHS)
- C. AXIS Camera Management
- D. AXIS Media Control

Answer: B

12.Axis recommends shielded cables for outdoor installations primarily to ensure

- A. Image quality.
- B. Surge protection.
- C. Life time of cable installations.
- D. Conformity with SMPTE standard.

Answer: B

13.In setting up PTZ control for an Axis encoder, it's very easy to overlook a very important step in the configuration process. After properly connecting the communication wires to the encoder, the next recommended step in the setup is:

- A. Downloading the correct Device ID from the Axis website
- B. Setting the Baud Rate to match the analog PTZ' s
- C. Setting the Device ID to match the analog ID
- D. Uploading the correct PTZ driver

Answer: D

14.Which setting would best adjust a hard yellow tint as shown in the pictures below?



- A. Image contrast
- B. White balance
- C. Color saturation
- D. Image brightness

Answer: B

15.Which is an impact on cameras that are operating above their specified temperature limit?

- A. Noise is increased
- B. Frame rate is reduced
- C. Light sensitivity is decreased
- D. Resolution is reduced

Answer: A

16.Which technology can a Video Management Software (VMS) partner incorporate to reduce the impact on recorded video during server maintenance?

- A. Local storage at the camera
- B. Meta data stream
- C. AXIS Camera Application Platform (ACAP)
- D. SNMP

Answer: A

17.A customer has a lot of motion blur on recordings from a fixed camera. What would be the most likely setting to address the blurring?

- A. Gain level
- B. Brightness
- C. Backlight compensation
- D. Shutter speed

Answer: D

18.Which statement is true regarding H.264 and Motion JPEG?

- A. The highest bandwidth savings using H.264 compared to Motion JPEG is at high frame rates
- B. Bandwidth savings using H.264 has nothing to do with frame rate, only scene complexity
- C. Bandwidth savings using H.264 has nothing to do with frame rate, only Group of Video (GOV) setting
- D. The highest bandwidth savings using H.264 compared to Motion JPEG is at low frame rates

Answer: A

19.Which of the following will allow a customer to have a PTZ camera automatically change between three predefined positions?

- A. Configure the camera's I/O ports to control the preset positions
- B. Use the Guard Tour capability to switch between the preset positions
- C. Switch between the predefined positions using a joystick
- D. Use the auto tracking capability to switch between the preset positions

Answer: B

20.In a network surveillance installation, the purpose of a router is to

- A. Forward the video stream between networks.
- B. Forward the video stream to the correct receiver within a network.
- C. Separate audio and video traffic to reduce audio latency.
- D. Separate the video stream from the camera control signaling.

Answer: A