

## Axsi ANVE Exam

### Volume: 145 Questions

Question No: 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

Question No: 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

Question No: 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

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Answer: D

Question No: 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

Question No: 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

Question No: 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.

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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

Question No: 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.

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- 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

Question No: 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

Question No: 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

Question No: 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.

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HTTP	25
HTTPS	443
FTP	21
SMTP	80

Answer:

HTTP	FTP
HTTPS	SMTP
FTP	HTTP
SMTP	HTTPS

Question No: 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

Question No: 12

Axis recommends shielded cables for outdoor installations primarily to ensure

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

Answer: B

Question No: 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

Question No: 14

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



- A. Image contrast
- B. White balance

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- C. Color saturation
- D. Image brightness

Answer: B

Question No: 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

Question No: 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

Question No: 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

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C. Backlight compensation

D. Shutter speed

Answer: D

Question No: 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

Question No: 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

Question No: 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.

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- C. Separate audio and video traffic to reduce audio latency.
- D. Separate the video stream from the camera control signaling.

Answer: A

Question No: 21

Which of the following conditions has to be met to use multicast streaming?

- A. The network infrastructure has to support multicast
- B. The client has to run AXIS Camera Management or AXIS Camera Station
- C. The client has to support streaming over RTSP
- D. The video device needs to run on firmware version 5.20 or higher

Answer: A

Question No: 22

With Axis Coverage Shapes, the designer can

- A. See the effect of furniture or other objects blocking field of view.
- B. View how varying lighting conditions affect the image.
- C. Create a 3D view of the scene the camera will capture.
- D. Determine at what distance a person can be identified.

Answer: D

Question No: 23

In order to comply with SMPTE standards of HDTV, the camera must meet the following:

- A. Light sensitivity, aspect ratio, resolution, color fidelity
- B. Aspect ratio, resolution, light sensitivity, frame rate
- C. Light sensitivity, color fidelity, frame rate, aspect ratio

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D. Frame rate, aspect ratio, resolution, color fidelity

Answer: D

Question No: 24

Which is true about P-iris?

A. The P-iris makes use of a novel p-shaped blade that reduces complexity and cost while maintaining image quality

B. In bright situations. P-iris limits the closing of the iris to avoid blurring caused by diffraction when the iris opening becomes too small

C. The P-iris delivers the optimal depth of field by always using the smallest possible aperture for the available lightning

D. The P-iris makes use of a novel p-shaped blade that allows the iris to react to rapidly changing lighting conditions

Answer: B

Question No: 25

The Axis pixel counter allows a user to

A. Convert pixels to actual distances.

B. Verify that the resolution requirements for a scene are met.

C. Determine the file size for each video frame.

D. Specify different exposure zones in a scene.

Answer: B

Question No: 26

Which of the following actions can be taken using the AXIS T8414 Installation Display? (Choose two)

A. Power up a PoE camera

B. Make snapshots