

NOS	Difficulty Level	Type of Question	Question Serial No.	Question Text	Option - 1	Option - 2	Option - 3	Option - 4	Correct Answer
<b>1. ELE/N3182: Site Survey and Requirement Analysis</b>	H	SCB	1	A technician arrives at a residential site for a CCTV installation. The customer seems hesitant and provides vague answers about their security concerns. What is the BEST first action for the technician?	Proceed with a standard installation based on common practices.	Politely ask open-ended questions to understand the customer's specific fears and expectations.	Install cameras only at the main entrance to save time and cost.	Tell the customer they should know exactly what they want before proceeding.	2
	E	DC	3	During a site survey at a warehouse, what should the technician prioritize identifying?	The brand of existing security equipment.	The location of electrical panels and potential power	The color of the walls for camera blending.	The manager's preferred working hours.	2
	E	FIB	4	To minimize blind spots in a long, narrow corridor, a camera should ideally be installed at the _____.	midpoint of the corridor	very end of the corridor	facing directly down its length	outside the corridor entrance	2
	E	MB	5	Identify the type of camera best suited for monitoring a wide, open yard and tracking movement across it.	Fixed Bullet Camera	Dome Camera	PTZ (Pan-Tilt-Zoom) Camera	Box Camera with a fixed lens	3
	E	DC	6	What is a key hardware requirement for enabling remote viewing of CCTV footage over the internet?	A high-capacity SD card in each camera.	A DVR/NVR with network connectivity (Ethernet port).	A powerful graphics card in the monitoring PC.	An analog video balun.	2
	E	SCB	7	After the site survey, the technician recommends 6 cameras, but the customer's budget only allows for 4. What is the MOST professional approach?	Install all 6 cameras and bill the customer later for the extra	Insist that 6 cameras are the absolute minimum and refuse	Prioritize the 4 most critical locations and suggest a phased plan	Install 4 random cameras to stay within budget without	3
	H	SCB	8	A customer wants to view CCTV feeds on an existing smart TV without running new cables across the room. What transmission method should the technician primarily consider?	Direct HDMI cable from the DVR to the TV.	A Wireless HDMI transmitter/receiver set.	Analog coaxial connection.	IP-based system using the existing home Wi-Fi network.	4
	H	SCB	9	A customer is concerned about the aesthetic impact of cameras on their newly decorated office. What should the technician do?	Proceed with standard	highly visible installations as they are the most effective.	Suggest smaller	more discreet camera models or custom-colored housings.	2
<b>2. ELE/N3183: Deploying of</b>	H	LR	10	A technician procures cameras rated for indoor use only for an outdoor installation. What is the MOST likely consequence?	The cameras will have superior night vision outdoors.	The cameras may malfunction or fail quickly due to weather exposure.	The cameras will automatically adjust their resolution.	The system's recording time will increase.	2
	M	MB	11	Identify the connector typically used for attaching a coaxial cable to a BNC port on a DVR.	RJ45 Connector	DC Power Connector	BNC Connector	USB Connector	3
	E	DC	12	What is a key consideration when mounting a camera under an eave or soffit?	Ensuring the eave doesn't block the	especially for nearby areas.	Mounting it as high up as possible under	regardless of the angle.	1
	M	CS	13	Arrange the steps for running a cable from a camera to the DVR location through an attic space A. Secure the cable along joists to prevent sagging or damage. B. Plan the cable route, avoiding insulation contact	B – D – C – A	D – C – A – B	A – B – C – D	C – A – B – D	1

<b>monitoring system</b>	H	MB	14	What should a technician do with the manufacturer's packaging and documentation after installation?	Dispose of everything in the customer's bin immediately.	Give all relevant manuals	warranties	and paperwork to the customer.	2
	E	DC	15	Why should cables not be run parallel and in close proximity to AC power lines?	It improves internet speed for IP cameras.	It can cause video signal interference.	It makes the cables easier to find later.	It reduces the cost of the installation.	2
	E	SCB	16	A technician needs to power a camera located 50 meters from the power source. The camera requires 12V DC. What is a potential issue and solution?	Voltage drop over the distance; use a higher gauge (thicker) power cable or a local power	The camera will get too much power; use a very thin cable to limit current.	Color of the video will change; use a different brand of camera.	The system will record faster; no solution needed.	1
	E	DC	17	Before drilling into walls, what should a technician always check for?	The aesthetic appeal of the wall.	The presence of hidden electrical wires	pipes	or structural elements.	2
<b>3. ELE/N3184: Setting up a surveillance system</b>	E	DC	18	When installing a camera on a high ceiling using a ladder, what is a key safety practice?	Work quickly to minimize time on the ladder.	Ensure the ladder is stable and have a colleague foot it if	Lean the ladder against the camera itself for support.	Use a tall chair instead of a ladder for better mobility.	2
	E	SCB	19	While running a cable through a dropped ceiling, the technician notices asbestos warning labels. What should they do?	Proceed carefully and try not to disturb the material.	Immediately stop work	seal the area if possible	and inform the site supervisor/client.	2
	H	MCQ	20	What are the key steps when first powering up a newly installed CCTV system? (Select all that apply) A. Check that all cameras display a video signal on the monitor. B. Verify the system time and date are correct on the DVR/NVR. C. Immediately start continuous recording without checking settings. D. Format the hard drive to prepare it for use.	ABD	ABC	BCD	ACD	1
	M	COM	21	Read the following and based on it answer the question: A technician completes the physical installation of a CCTV system. They then methodically check each camera feed, verify recording is functioning, and ensure remote access	To use up extra time on the job.	To ensure the system is fully operational and meets requirements before handover.	To find minor issues to bill the customer for later.	To demonstrate superior technical skill to the customer.	2
	M	DC	22	A customer complains that recorded footage from last night is missing. What is the FIRST thing the technician should check?	The camera lens for dirt.	The DVR/NVR's recording schedule and hard drive status.	The power cable of the monitor.	The internet connection speed.	2
	M	SCB	23	The customer seems confused about how to search for a specific event using the DVR's playback menu. How should the technician assist?	Do the search for them and then leave.	Briefly explain the process and then watch them try it	offering guidance if needed.	Tell them to read the manual when they have time.	2
	M	DC	24	What is the final, crucial step before considering an installation complete?	Getting formal customer sign-off or acceptance.	Sending the final invoice.	Packing up all tools.	Posting about the job on social media.	1

<b>4.ELE/N3185: Policies related to Data privacy and security</b>	H	COM	25	Read the following and based on it answer the question: A technician is installing a CCTV system in a small retail shop. The owner wants to point one	This is a great idea for gathering business intelligence.	This likely violates privacy laws by recording individuals	It is only acceptable if the camera has high zoom capabilities.	It is fine as long as the camera is hidden.	2
	M	DC	26	Why is it a security risk to install a DVR/NVR under a reception desk in a public area?	It is easily accessible	allowing unauthorized individuals to tamper	It keeps the device cool.	It makes the cables shorter.	1
	E	DC	27	What is a primary benefit of using HTTPS for accessing an NVR's web interface remotely?	It makes the web pages load faster.	It encrypts the communication between your browser and the NVR	protecting login credentials.	It reduces the video quality to save bandwidth.	2
	M	DC	28	A customer requires footage to be retained for 30 days. How can the technician best configure the system to achieve this?	Set the DVR/NVR to continuous recording and ensure the hard	Set the system to record only on motion and hope it lasts 30	Tell the customer 7 days is the standard and they should	Use the smallest recording resolution to save space.	1
	H	SCB	29	A technician discovers that a client's CCTV system was hacked because the router's password was never changed from the default. The client is unaware. What should the technician do?	Change the router password and say nothing to avoid alarming the client.	Inform the client about the security vulnerability	its implications	and help them secure it.	2
	H	MCQ	30	What information is crucial to document for future troubleshooting and security audits? (Select all that apply) A. DVR/NVR model and serial number.	ABC	BCD	ABD	ACD	1
<b>5.DGT/VSQ/N0101: Employability Skills (30 Hours)</b>	M	MCQ	31	Which behaviors demonstrate professional communication on the job? (Select all that apply) A. Actively listening to the customer without interrupting. B. Using technical jargon the customer is unlikely to understand.	ACD	ABC	BCD	ABD	1
	E	SCB	32	You are running late for an installation appointment due to unexpected traffic. What is the BEST course of action?	Arrive late without notifying the customer.	Call the customer, apologize for the delay, and provide a revised estimated arrival time.	Blame the traffic loudly when you arrive to justify the delay.	Reschedule the appointment for another day without calling.	2
	M	SCB	33	A technician frequently posts pictures of their completed installations on a professional social media profile, highlighting neat cable work and modern equipment. What is a key benefit of this	It can serve as a portfolio to attract new customers.	It allows them to complain about difficult jobs.	It helps them get discounts from material suppliers.	It is the primary way to report faults to their employer.	1
	E	SCB	34	A customer asks for a detailed written quote showing the cost of equipment, labor, and any additional fees before agreeing to the installation. This customer is primarily demonstrating which characteristic?	Indecisiveness	Time-sensitivity	Budget-consciousness and desire for transparency	Lack of technical knowledge	3