

Sample QB: CCTV Installation Technician-Theory						
S.no	Question	Option A	Option B	Option C	Option D	Answer
1	What is the most effective method of engaging with a customer?	Greet the customer	Listen to their requirements	Understand the basic requirement of the customer	All of the given options are correct	D
2	How do you ascertain the customer's needs for installing the CCTV system?	Interact with the customer by listening to their requirements	Install CCTV as per your choice	Ignore the customer's requirement	Option 1 and 2 both are correct	A
3	Which camera is recommended for night vision capabilities?	PTZ Camera	Bullet Camera	Infrared Camera	Wireless Camera	C
4	The full form of DVR is _____	Digital Via receiver	Digital Video Recorder	Digital Video Receiver	Device Video Recorder	B
5	CCTV camera needs be protected from _____	Heating	Water	Dust	All of the given options are correct	D
6	From the provided options, identify the costliest component of the IP network system.	Network Cameras	Server & Storage	Network & Cabling	Software	A
7	What is the full form of PTZ?	Pan Tilt zoom	Pan Tall Zoom	Push Tall Zoom	Pan Twist Zoom	A
8	Which document is consulted to determine the warranty period of hardware products?	By refering manufacturer catalogues	Warranty is not required for hardware products	Customer's personal ID	Purchasing date on the bill	A
9	How do you assess the recorder's quality before installing it?	Reboot the recorder & test the storage space & other cables connections	Open the new box and install directly	Visual checking of recorder	Tap the surface of recorder	A
10	Which type of cable should be used for connecting cameras?	RG59 with 18/2 cable	RG100 with 20/2	Standard Cable TV cable	All options are incorrect	A
11	What is the Full form of "IR"?	Infrared	Internal recording	Indoor recording	All options are incorrect	A

12	What is the use of a BNC connector?	It connects Coaxial cable with other part of hardware	BNC connector is not used in CCTV system	BNC is used in IP type of CCTV system	All options are incorrect	A
13	What tools are required for installing a CCTV system?	Any available tools can be used for installation	Use only recommended tools as specified for Hardware to be used	Ask customer to provide the list of tools	All options are incorrect	B
14	Which power source to be used for 12V DC type of Camera?	220c AC	24v AC	12V DC	12V AC	C
15	How would you check the connection between cameras and DVR without powering on the devices?	Check whether wiring is done appropriately	Do not required to be tested as connection is done by you	Ask customer to check	All options are incorrect	A
16	If there is no video appearing on the monitor in the system, what conclusion would you draw?	Power supply is not proper as required	Wiring has some issue	HW setting not as per specification or requirement	All options are correct	D
17	What is the use of TCP/IP?	File transfer	Email	Remote Login Service	All options are correct	D
18	Who should you address personnel issues with while in the field?	Work with customer	Personnel issue should be kept outside of official work	With sales team	Work with supervisor to resolve the issue	D
19	What approach would you use to understand nature of work ?	Study the function on internet	Need not to understand the other functions	By interacting with colleagues	By asking supervisor	C
20	Assistance to colleagues is advisable for _____ workflow	Smooth	Uneven	Rough	Dull	A

Sample QB: CCTV Installation Technician-Viva

S.no	Viva Question	Answer
1	How will you check the working of Hard ware in the system? Name any three points	<ol style="list-style-type: none"> 1. Visual Inspection 2. Power Supply Check 3. Camera Functionality 4. Recording Check 5. Network and Connectivity 6. Firmware and Software 7. Use Diagnostic Tools to check 8. Check Environmental Factors
2	Where the DVR should be installed? Name any two points.	<ol style="list-style-type: none"> 1. Secure Location 2. Ventilated Area 3. Dry Environment 4. Central Location 5. Stable Surface 6. Power Supply 7. Accessibility 8. Network Connectivity
3	What you will do if one of the camera is not showing the video output on the screen? Give any two points.	<ol style="list-style-type: none"> 1. Check Power Supply 2. Inspect Cables and Connections 3. Test with Different Port 4. Swap with a Working Camera 5. Check Camera Settings 6. Reset Camera 7. Update Firmware 8. Inspect Environmental Factors
4	How to connect the DVR to Router.	<ol style="list-style-type: none"> 1. Locate Ethernet Port 2. Connect Ethernet Cable 3. Insert Cable into Router 4. Configure Network Settings 5. Assign IP Address (if necessary) 6. Verify Connection
5	What are name of the connectors used for Coaxial and Cat 5 cable respectively. Name any two.	<p>Coaxial Cable Connector</p> <p>F-Type Connector</p> <p>RJ45 Connector</p>

Sample QB: CCTV Installation Technician-Practical

S.no	Practical Scenario	Rubrics
1	What factors you should keep in mind while suggesting the CCTV system for customer ?	<ol style="list-style-type: none">1. Was the candidate able to understand the of site location, budget, customer requirement?2. Did the candidate had the knowledge about The various CCTV cameras and the networking technologies?3. Was the candidate aware of the different types of camera mountings ?4. Was the candidate aware of IP cameras and their networking technique ?