



NOS	EMD	Question	Option 1	Option 2	Option 3	Option 4	Correct Answer	Marks
ELE/N6607.Assemble Electronic Hardware in an EV	E	Which tool is used to hold and position a surface-mount resistor during PCB assembly?	Precision Tweezers	Soldering Iron	Crimping Tool	PCB Holder	1	4
	E	Identify tool that isolates and removes outer wire insulation without nicking the inner copper conductor. 	Side cutting pliers	Wire strippers	Needle Nose Pliers	Hex Key (Allen Key)	2	4
	E	Which cleaning agent is suitable for cleaning oil and grease from assembly air hoses?	Isopropyl alcohol	Sulfuric acid	Tap water	Phenyl	1	4
	M	You receive a batch of through-hole resistors for a new PCB assembly run. To properly prepare these electronic components for assembly operations, what action must you take?	Soak in flux paste	Melt plastic casings	Bend and cut leads	Freeze the body	3	8
	D	You need to place surface-mount resistors onto PCB pads during assembly. Which machine should you use?	Pick-and-place machine	Solder Paste Printer	Wave soldering bath	Laser Marking Machine	1	10
ELE/N6606.Test the Electronic Hardware assembly in an EV	E	Identify instrument that is used to measure insulation resistance of a Motor Controller during testing. 	Multimeter	Megohmmeter	Clamp Meter	LCR Meter	2	4
	E	Which instrument is used to test the waveform frequency parameter of fitted hardware parts?	Digital Oscilloscope	Clamp Meter	Hi-Pot Tester	Megohmmeter	1	4
	E	Whom should you contact for assistance with an Electronic Control Unit fault that cannot be repaired?	Warranty Executive	Spare Parts Executive	Engineer	Service Advisor	3	4
	M	You find a detached wire on an EV module terminal. Which technique must you apply to rectify this malfunction?	Resoldering the connection wire	Trimming the board edge casing	Spraying insulating varnish gel	Tightening the physical module screws	1	8
	D	You just finished replacing a faulty part in a Motor Controller. To examine it thoroughly for proper functioning, what should you do next?	Inspect only the wiring connections	Check only external casing for damage	Run full functional diagnostic tests	Restart system once without checks	3	10
ELE/N9905.Work effectively at the workplace	E	Which practice shows professional email etiquette when writing to a supervisor?	Attaching unlabelled files	Using informal text slang	Writing a clear subject line	Writing in all capital letters	3	4

	M	You are working alongside a diverse team of new assembly operators. Which communication style should you adopt to support inclusive interactions with them ?	Gender-neutral phrasing	Regional colloquial idioms	Loud verbal commands	Direct hand pointing	1	8
	M	Your shift supervisor assigns you ten new PCB assembly tasks while a previous task is still pending. Which planning method should you use to meet the daily production target?	Prioritize task by the urgency	Complete the simple tasks first	Follow the random sequence	Delegate hard tasks without approval	1	8
	M	During a quality audit, your supervisor identifies a soldering defect in your work and explains how to correct it. What should you do?	Blame the equipment performance	Argue against the observation	Ignore the feedback completely	Implement changes immediately	4	8
	D	Arrange the steps in the correct order to resolve a conflict with a co-worker regarding an EV module assembly task. 1. Identify the cause of the disagreement 2. Discuss the issue calmly with the co-worker 3. Agree on a suitable solution 4. Escalate to the supervisor if unresolved	1, 2, 3, 4	2,3,1,4	4,1,2,3	3,1,2,4	1	12
ELE/N1002.Apply health and safety practices at the workplace	E	Which PPE should you wear to protect your eyes from flash sparks during terminal soldering?	Rubber boots	Cotton face mask	Safety goggles	Welding apron	3	4
	E	Which fire extinguisher is used for a fire in an EV Battery Management System module?	Carbon Dioxide	Water stream	Foam spray	Wet chemical	1	4
	M	A co-worker accidentally grabs a live high-voltage wire while working near a testing station and cannot let go. What should you do in this case?	Pull them away with bare hands	Turn off the main power supply	Throw cold water on the wire	Wrap them in a metal sheet	2	8
	M	You need to lift a heavy EV battery pack onto your workbench. To maintain appropriate posture while handling heavy objects, which body parts must you bend?	Hips and knees	Spine and lower back	Neck and shoulders	Elbows and wrists	1	8
	D	While soldering a PCB, a technician accidentally touches the hot soldering iron and suffers a minor burn. What first aid should be provided immediately?	Wrap tightly with cotton cloth	Apply heavy machinery grease	Cool the burn under running water	Scrub the area with a dry cloth	3	11
DGT/VSQ/N0102.Employability Skills (60 Hours)	E	Which action demonstrates problem-solving when surface-mount components repeatedly misalign during assembly?	Calibrating the placement machine	Forcing components by hand	Discarding the misaligned boards	Ignoring the placement error	1	4
	E	Which action demonstrates integrity during an EV module quality check?	Overcharging a client for repair parts	Blaming a peer for a testing error	Concealing a missed quality check step	Reporting a hidden assembly defect	4	4
	E	Which phrase is appropriate when answering your supervisor's official call?	"Hello, how can I help you sir?"	"What do you want from me now?"	"Hey, message me later on my phone."	"Speak louder, I am working right now."	1	4
	M	During a shift briefing, your supervisor explains a new quality procedure that must be followed on the assembly line. Which action demonstrates active listening in this case?	Checking personal social media feeds	Maintaining eye contact and taking notes	Interrupting the speaker mid-sentence	Looking around the assembly floor	2	8