

NOS Code and Name	Question Count	Question Text	Answer Choice 1	Answer Choice 2	Answer Choice 3	Answer Choice 4	Correct Answer	Difficulty Level (Easy/Medium/Difficult)
ELE/N7005: Troubleshoot and Repair Drone Malfunctions	1	A customer reports that their drone, when commanded to fly straight, drifts consistently to the left. Which of the following	Updating the Flight Control Firmware	Replacing the Main Battery	Calibrating the drone's Compass	Checking the Video	3	Medium
	2	A technician is performing an operational check and connects the battery. They notice the status indicator lights on the drone	The service history log of the previous repair	The drone model's official flight controller	The local weather forecast for that day	A general electronics troubleshooting guide	2	Medium
	3	Arrange the steps to verify drone component functionality with tools: 1. Analyze readings and take necessary corrective actions 2. Confirm tool calibration and component connections 3. Select the proper testing tool and set up the drone	1 → 4 → 3 → 2	2 → 3 → 1 → 4	3 → 1 → 4 → 2	4 → 1 → 2 → 3	4	Difficult
	4	Which component must be securely fixed to the frame before wiring other electronics?	Flight controller mounted in any	Battery left loose to be fixed later	Motors attached to the drone arms	Propellers mounted before motor	3	Easy
	5	What is the main purpose of disposing defective drone parts under e-waste rules?	Make more space in office shelves	Increase drone flight performance	Reduce battery charging time	Protect environment from hazardous	4	Easy
	6	The technician lands the drone after a test flight to confirm a successful Electronic Speed Controller replacement. The motors spun and flew without any issue. What is the most crucial	Verifying the camera gimbal is still perfectly level	Measuring the drone's height from the ground with a scale	Checking the temperature of the motors and ESCs for	Checking the tightness of the propeller screws	3	Difficult
	7	Fill in the blanks with the appropriate option:	Documentation	Firmware	Propeller calibration	Battery voltage	1	Easy
	8	Which factor is most important to meet repair timelines for a drone?	Technician personal preference of working	Availability of required spare parts	Customer availability for pickup	Type of packaging used for the drone	2	Easy
ELE/N7010: Calibrate, Optimize, and Test Drone Performance	9	A customer reports that their video footage appears shaky and slightly tilted horizontally, even when the drone is flying smoothly. What is the primary benefit of the gimbal system ?	To automatically control the drone's flight path	To stabilize the camera against the drone's movements	To increase the drone's overall battery life	To measure the total flight distance traveled	2	Medium
	10	How does poor antenna alignment affect drone signal?	It increases battery capacity	It reduces GPS accuracy only	It lowers received signal strength	It makes drone lighter in weight	3	Easy
	11	In PID tuning, which parameter helps correct the present error between desired and actual position?	Integral (I)	Derivative (D)	Proportional (P)	Frequency (F)	3	Medium
	12	A sensor is added to a drone for power line inspection. How should the technician verify it works correctly?	Check the sensor physically without flight	Integrate it and perform a controlled test flight	Attach other accessories first	Fly immediately at full height	2	Difficult
	13	Arrange the following steps in sequence for setting up a waypoint navigation mission.	2 → 3 → 4 → 1	1 → 3 → 4 → 2	4 → 3 → 1 → 2	3 → 1 → 4 → 2	2	Difficult
	14	You are testing RTH in an area with tall buildings. What precaution should you take in the given scenario?	Ensure RTH altitude is above all obstacles	Perform RTH at low altitude to avoid obstacles	Disable RTH to prevent interference	Fly manually without monitoring	2	Medium
	15	A sensor installed on the drone is not calibrated according to FAA guidelines. What should the technician do?	Skip calibration and monitor during flight	Use the sensor for short test flights only	Replace the sensor without calibration	Calibrate the sensor following FAA standards before use	4	Medium
DGT/VSQ/N0102: Employability Skills (60 Hours)	16	The technician needs to replace propellers and small parts frequently. Which is an environmentally responsible practice?	Throw old parts in regular trash	Recycle or repurpose old parts wherever possible	Burn old parts to dispose quickly	Store all old parts indefinitely without recycling	2	Difficult
	17	Which of the following is the first step in creating a career development plan?	Apply for advanced drone certifications	Assess personal skills, strengths, and aptitude	Purchase expensive drones	Start flying drones without guidance	2	Medium
	18	Which of the following is considered a component of gross salary?	Basic pay	Rent paid by the employee	Monthly grocery expenses	Personal loan repayment	1	Easy
	19	Which spreadsheet feature is useful for organizing a list of drone faults by priority or severity?	Sorting	Word art	Slide transition	Merge cells	1	Easy
	20	Which aspect of the 4Ps focuses on the type and quality of drone services offered, such as aerial photography or inspection?	Price	Product	Place	Promotion	2	Easy
	21	What is the recommended format for listing skills related to drone service in a CV?	Paragraph format describing each skill in detail	Randomly scattered throughout the CV	Bullet points with clear, relevant technical and soft skills	Mention only in the cover letter	3	Easy