


S. No.	NOS Code for QP	NOS Name	Question type	Difficulty Level	Questions	Option A	Option B	Option C	Option D	Correct Answer
1	ELE/N7308	Manufacturing / Assembly of a Drone	MB	Easy	What does the following image represent in the context of a drone?	Flight Controller	Electronic Speed Controller	GPS Module	Brushless Motor	Choice 4
2			ScB	Medium	In a drone, which component is responsible for receiving signals from the remote controller to operate the drone? 	Flight Controller	ESC	Receiver	Battery	Choice 3
3			ScB	Medium	A drone's propellers are rotating in a clockwise direction at high speed. In which direction will the drone's body tend to rotate?	Clockwise	Counter-clockwise	Downward	Upward	Choice 2
4			DC	Easy	What does "roll" refer to in the context of a drone's movement?	Rotating around the vertical axis	Moving upward or downward	Tilting the drone side to side	Moving forward or backward	Choice 3
5			DC	Easy	What is the primary purpose of hovering a drone during flight?	To move the drone forward	To land the drone safely	To keep the drone stationary in the air	To increase the drone's speed	Choice 2
6			ScB	Medium	After completing a service for a customer, which method would you use to collect detailed and structured feedback effectively?	Social media comments	Online advertisements	Casual phone calls	Feedback form	Choice 4
7			DC	Easy	What are the common causes and immediate corrective actions for excessive vibration and unpredictable movement in a drone during a hover test?	Increase throttle to stabilize the drone	Continue flying to see if the issue resolves itself	Power down the drone and ignore the vibrations	Land the drone immediately and perform a system check	Choice 4
8			DC	Easy	How should you respond to a customer requesting detailed test results when the final quality assurance report is not yet available?	Delay response and focus elsewhere	Provide full results immediately	Ignore request until finalized	Share preliminary results with disclaimer	Choice 4
9			DC	Easy	Which component of a drone is primarily responsible for stabilizing its flight during hover?	GPS module	Flight controller	Camera gimbal	Battery pack	Choice 2
10			ScB	Difficult	A delivery company wants to use drones to speed up package delivery in a congested urban area. What is a key advantage of using drones in this scenario?	Carry heavy loads long distances	Avoid traffic, deliver faster	Require no maintenance	Replace all delivery vehicles	Choice 2
11			ScB	Difficult	You observe strange movement in the motor rotations when disassembling a drone. What should you do after that?	Replace the batteries immediately	Ignore the issue and continue	Check motor connections and power source	Adjust the drone's camera settings	Choice 4
<b>Total</b>										
12	ELE/N9905	Work effectively at the workplace	DC	Easy	Which of the following is the most appropriate medium to formally communicate project updates to your manager?	Instant messaging	Phone call	E-mail	Casual conversation	Choice 3
13			DC	Easy	Which instrument would you recommend for quickly cleaning dry waste and dust from a workspace?	Vacuum Cleaner	Wiper	Shredder	Wet Mop	Choice 1
14			ScB	Medium	During team meetings, what actions would you take to ensure a fair, inclusive environment where every employee feels heard?	Increase workload to improve productivity	Conduct diversity and inclusion training	Limit employee feedback sessions	Focus solely on individual performance reviews	Choice 2
15			CS	Difficult	Arrange the following steps in the correct order to document a customer complaint about drone software malfunction:  1. Identify and describe the specific software issue reported 2. Collect the customer's contact information 3. Log the date and time the complaint was received 4. Outline the resolution steps to be taken	2 > 3 > 1 > 4	3 > 1 > 2 > 4	2 > 4 > 1 > 3	4 > 1 > 3 > 2	Choice 1
<b>Total</b>										
16	ELE/N1002	Apply health and safety practices at the workplace	DC	Easy	Which type of fire extinguisher is appropriate for putting out a fire caused by flammable liquids like gasoline or oil?	Class A	Class B	Class C	Class D	Choice 2
17			DC	Easy	During first aid for a heart attack victim, which symptom is most critical to monitor?	Skin color and breathing	Hunger levels	Temperature of the room	Victim's clothing	Choice 1
18			ScB	Medium	While working on a drone assembly line, you notice several loose wires on the floor and cluttered walkways. What is the most likely hazard, and what accident could this cause?	Electrical shock hazard causing burns	Fire hazard causing explosions	Chemical hazard causing poisoning	Tripping hazard causing falls and injuries	Choice 4
19			ScB	Difficult	During the assembly of a drone, you notice a risk of unintended current diversion, which could cause electrical fires, damage to equipment, or electric shock to personnel. Which safety equipment should you primarily use to manage and prevent this electrical hazard?	Vest	Gloves	Helmet	Glasses	Choice 2

