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061205T4CYB

CYBER SECURITY LEVEL 5

SEC/OS/CS/CR/06/5/A

Install Cyber Security System

Nov/Dec 2024

TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION COUNCIL (TVET CDACC)

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PRACTICAL ASSESSMENT

OBSERVATION CHECKLIST

Candidate's Name & Registration Code			
Assessors Name & Registration Code			
Venue of Assessment			
Date of Assessment			
Items to be Evaluated: *Please award marks as appropriate. Give a brief comment on your observation.*	**Marks Available**	**Marks Obtained**	**Comments**
TASK 1: Install malware and spyware defender			

1. Visited the official **https://www.iolo.com/** website and downloaded the System Mechanic installer. *(Award 3 Marks or 0)*	**3**		
2. Followed the on-screen instructions to install and configure the necessary setting of the program. *(Award 5 Marks or 0)*	**5**		
3. Launched System Mechanic after successful installation *(Award 2 Marks or 0)*	**2**		
4. Run a Quick Analysis by activating **home menu** then select **Analyze now** button to allow the software to check for performance issues, vulnerabilities, and other system inefficiencies. *(Award 3 Marks or 0)*	**3**		
5. Reviewed Scan Results for detected issues after the scan is complete. *(Award 4 Marks or 0)*	**4**		
6. Screenshot the scan result and analyzed the issues identified. Saved the screenshot in the folder named **CDACC** on the desktop *(Award 5 Marks or 0)*	**5**		
7. Fixed Detected Issues by selecting Repair all from the display screen to automatically fix vulnerabilities, clean up junk, optimize performance, and patch any detected weaknesses. *(Award 4 Marks or 0)*	**4**		
8. Restarted the machine to check performance after scan and described any improved performance experienced. *(Award 4 Marks or 0)*	**4**		
Sub-total 1	**30**		

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TASK 2: Monitor security and application performance			
1. Opened Windows event Viewer Opened event viewer by typing ***eventvwr.msc*** on the command prompt. or typed **event viewer** and pressed enter on the start button *(Award 3 Marks or 0)*	**3**		
2. Navigated to the Windows Logs In the Event Viewer window displayed, expanded the Windows Logs section on the left panel. Selected on security option to check on logs related to security and access control. *(Award 3 Marks or 0)*	**3**		
3. Created a Custom View From the next window displayed on the right panel, selected custom view. In the "Create Custom View" window, under Logged, selected the drop-down menu chosen "Last 7 days" to show events from the past week. Under Event Level, selected the types of events to view (e.g., Critical, Error, Warning, Information, Verbose) and clicked ok. *(Award 4 Marks or 0)*	**4**		
4. Saved and Viewed Custom Filter Saved the logs by their name e.g. **Security logs** from the displayed Save log window. *(Award 3 Marks or 0)*	**3** **4**		
5. Analyzed the Events Analyzed the events by viewing individual entries to see detailed information. *(Award 4 Marks or 0)*	**3**		

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6. Exported and Saved the Logs Right-clicked the event or log list, then selected Save All events and stored them in the folder you created on the desktop. *(Award 3 Marks or 0)*			
Sub-Total 2	**20**		
GRAND TOTAL	**50**		

ASSESSMENT OUTCOME

The candidate was found to be:

Competent ☐ Not yet Competent ☐

(Please tick as appropriate)

(The candidate is competent if the candidate obtains at least 50%)

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Feedback from the Candidate:

Feedback to the Candidate:

Candidate Signature **Date:**

_____ _____

Assessor's Signature **Date**

_____ _____