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061205T4CYB

CYBER SECURITY LEVEL 5

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

Install Cyber Security System

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

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PRACTICAL ASSESSMENT

Time: 4 HOURS

INSTRUCTIONS TO CANDIDATE:

1. Create a folder on the desktop and name it **CDACC** to save your work.

You have been provided with the following resources for the practical tasks:

- *A computer system running on Windows 10 Operating System*
- *Internet connection*

TASK 1: Install malware and spyware defender

ABC Ltd has been experiencing slow systems load, corrupted file and attacks in their system. As a cyber-security expert, you are required to perform and screen capture the following tasks:

1. Download System Mechanic ultimate defender (Trial version) from **https://www.iolo.com/** website.
2. Install and configure the System Mechanic ultimate defender file.
3. Scan for malware, spyware and document the result.
4. Review the scan result
5. Screenshot the scan result and analyze the issues identified. Save the screenshot in the folder named **CDACC** on the desktop.
6. Fix the issues identified
7. Restart the machine to check performance after scan

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TASK 2: Monitor security and application performance

As an IT administrator of your institution, you have received reports of cases with slow system performance and occasional application crashes affecting staff computers. To investigate the issue, you decided to check the system performance by using **Windows Event Viewer** for the events for the last 7 days.

1. Launch windows Event Viewer and perform security and application systems logs
2. Create Custom view log for the last 7 days and save them in the folder created.
3. Save the view by their name e.g. ***Security view logs***
4. Analyze the event generated from step (2) above.
5. Export and Save events in the **CDACC** folder created.