

**061006T4ICT**

**ICT TECHNICIAN LEVEL 6**

**IT/OS/ICT/CR/3/6**

**Control ICT Security Threats**

**March/ April 2025**



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

**PRACTICAL ASSESSMENT**

**TIME: 3 HOURS**

**INSTRUCTIONS TO CANDIDATE:**

1. You are required to perform the following tasks
  - i. *Installing and Configuring an Antivirus*
  - ii. *Installing and configuring browser security*
  - iii. *Configuring Device, Folder and File Security*
2. You have been provided with the following resources for the practical tasks:
  - a) *Computer installed with at least windows 7 or above and Microsoft office*
  - b) *Internet*
  - c) *USB flash disk*

### **TASK 1: Install and Configure Antivirus**

Abdi, your friend, gave you his laptop and informed you that his computer may be at risk of malware infestations since he has not installed any malware protection software. You have recommended antivirus software installation for his laptop. Carry out the software operation as guided below:

- a) Create a folder on the named AVARST on the desktop.
- b) Download the AVG antivirus from a trusted source.
- c) Install and activate AVG antivirus on your computer
- d) Update the AVG antivirus installed.
- e) Set Up "Real Time Protection" on the anti-virus installed
- f) Enable Notifications and Automatic Updates on the anti-virus.
- g) Turn on windows firewall of your computer
- h) Run a quick scan on local disk C, print screen the scan report and save it in the AVARST folder.

### **TASK 2: Install and configure browser security**

- a) Download and install "CHROME" browser
- b) Make chrome the default browse in your computer
- c) Block the third party cookies
- d) Allow accessed sites to send pop ups on the installed browser
- e) Activate bookmark bar
- f) Update the chrome browser to be up to date
- g) Allow sites to use camera while the browser in use
- h) Clear browser cookies

### **TASK 3: Folder, File Security and device configurations**

Create a folder named "OPERATING SYSTEM" in your computer. Type the following paragraph in Ms-word and save it as "types of operating system" in the folder created.

"Full Mesh topology - All hosts have a point-to-point connection to every other host in the network. Thus for every new host connections are required. It provides the most reliable network structure among all network topologies."

You are required to perform the following activities:

- a) Deny “read and execute” Privilege on the folder “OPERATING SYSTEM " to group of users.
- b) Set the attributes of the “type operating system” file as "read only" and "deny special permission"
- c) Create a folder named SECURITY on the desktop, Screen shot the security configuration done and save it in folder created.
- d) Backup the security configuration content to the USB flash disk provided.
- e) Encrypt the content in USB flash disk with the password "DVD8903"
- f) Update the operating system of your computer