

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

**Qualification Code** : 071404T4ICT

**Qualification** : ICT Level 4

**Unit code** : IT/0S/ICTA/CC/05/4/A

**Unit(s) of competency** :Use of the Internet

**WRITTEN ASSESSMENT**

**ASSESSORS GUIDE**

**SECTION A**

**MULTIPLE CHOICE QUESTIONS (10 MARKS)**

***Choose the correct answer from the choices provided in each question. Each is 1 mark.***

1. A program that is used to view websites is called a

1. **Browser**
2. Web viewer
3. Spreadsheet
4. Word processor

2. Internet access by transmitting digital data over the wires of a local telephone network is provided by \_\_\_\_\_\_\_

A. leased line

B. **digital subscriber line**

C. digital signal line

D. digital leased line

3. The process of connecting to the internet account is

1. Sign in
2. Sign out
3. **Login**
4. Logout

4. ISP stands for

1. Intranet service provider
2. **Internet services provider**
3. Inter services provider
4. International special products

5. Internet is

1. **A worldwide interconnected network of computers which use a common protocol to communicate with one another**
2. A worldwide network of computers
3. An interconnected network of computers
4. A local computer network
5. Spamming is means
6. sending in lines of nonsensical garbage in a chat conversation
7. posting a message that contains graphic descriptions of something really gross.
8. spilling the juice of meat-byproducts into your keyboard
9. **posting or emailing unsolicited advertising messages to a wide audience**
10. The golden rule of netiquette is
11. **Remember the human**
12. A smiley in every message
13. Follow the other rules of netiquette
14. Never flame a friend
15. When is a subject line Included in an email?
16. only when you are writing an official memo
17. only in personal memos.
18. if the person you are sending it to requires one.
19. **in all e-mail messages.**
20. The advantages of the e-mail are
21. Cost cutting
22. Speed
23. Convenience
24. **All of these**
25. What does L in URL stand for
26. **Locator**
27. Location
28. Load
29. Length

**SECTION B (40 MARKS)**

1. Outline **two** application areas of the internet. (2 marks)

* **Communication: It is used for sending and receiving message from one and other through internet by using electronic mail.**
* **Job searches: Getting information regarding availability of job in different sectors and areas.**
* **Finding books and study material: Books and other study material stored around the world can be easily located through internet**
* **Health and medicine: Internet provide information and knowledge about field of health medicine people can have information about various disease and can receive help**
* **Travel: can use internet to gather information about various tourist place.**
* **Shopping: Internet is used for online shopping.**

1. Differentiate between *downloading* and *uploading* as used in internet. (4 marks)

* **Downloading: It is a procedure of copying files from the webserver to the machine.**
* **Uploading: It is a Procedure for copying data from the device to the webserver**

1. Explain each of the following internet communication tools: (4 marks)
2. Email: **messages distributed by electronic means from one computer user to one or more recipients via a network.**
3. Instant messaging: **is a type of online chat allowing real-time text transmission over the Internet or another computer network**.
4. Explain **two** characteristics of a strong password. (4 marks)

* **At least 8 characters—the more characters, the better**
* **A mixture of both uppercase and lowercase letters**
* **A mixture of letters and numbers**
* **Inclusion of at least one special character, e.g., ! @ # ? ]**

1. a) Define the term netiquette. (2 marks)

* **Guidelines for courteous communication in the online environment**.

1. Outline **three** benefits of internet netiquette. (3 marks)

* **helps users develop and maintain relationships, whether business or personal.**
* **It also helps keep group conversations constructive and friendly.**
* **It helps individual to use correct language**

1. Explain each of the following terms as used in internet: (4 marks)
2. Pharming: **is an online scam where a website's traffic is manipulated and confidential information is stolen.**
3. Phishing: **type of attack often used to steal user data, including login credentials and credit card numbers.**
4. Outline **three** types of internet connectivity. (3 marks)

* **Fiber internet is the fastest widely available internet technology. It uses fiber-optic cables, which are capable of transmitting large amounts of information quickly.**
* **Cable internet uses the same types of cables that transmit cable TV services. It has broadband capability and thus can reach high speeds.**
* **DSL, short for Digital Subscriber Line, uses a connection that looks similar to a phone line, but the wiring inside is different and allows for broadband transmission.**
* **Satellite internet is delivered wirelessly to the receiver, but it still requires wires to transport the signal from the receiver to different locations throughout the building.**
* **Dial-up is the slowest connection technology because it can’t support broadband and thus has limited bandwidth.**

1. What does the term *authentication* mean? (2 marks)

**The process of ensuring that a person is who he or she claims to be.**

1. State **four** social media networks. (4 marks)

* **Facebook.**
* **Twitter.**
* **LinkedIn.**
* **YouTube.**
* **Pinterest.**
* **Instagram.**

1. List **four** positive impacts of the internet to a student. (4 marks)

* **Easy access of materials**
* **Sharing materials is easy**

1. What is the difference between an intranet and an extranet? (4 marks)

**An intranet consists of the set of web pages and resources available on a company’s internal network. These items are not available to those outside of the company. An extranet is a part of the company’s network that is made available securely to those outside of the company. Extranets can be used to allow customers to log in and check the status of their orders, or for suppliers to check their customers’ inventory levels.**