



Province of the  
**EASTERN CAPE**  
EDUCATION

**DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)**

**HOME SCHOOLING SELF-STUDY WORKSHEET ANSWER SHEET**

<b>SUBJECT</b>	COMPUTER APPLICATIONS TECHNOLOGY	<b>GRADE</b>	12	<b>DATE</b>	22/04/20
<b>TOPIC</b>	Networks: Internet connections	<b>TERM 1 REVISION</b>		<b>TERM 2 CONTENT</b>	✓

1. Multiple choice:

a. Which one of the following is NOT an internet service provider?

*Answer: B*

b. Which one of the following is NOT an example of broadband?

*Answer: C*

c. Which one of the following is NOT an option for fast internet users whose speed is more than 20Mb/s?

*Answer: A*

2. Matching items

Choose a term/concept from COLUMN B that matches the description in COLUMN A.

Write only the letter next to the question number.

*Answer: 2.1 G 2.2 A 2.3 H 2.4 E 2.5 B*

3. True or false statements

Indicate whether the following statements are TRUE or FALSE. Write 'true' or 'false' next to the question number.

Correct the statement if it is FALSE. Change the underlined word(s) to make the statement TRUE. You may not simply use the word 'NOT' to change the statement. NO mark will be awarded if only FALSE is written down.

a. Everything you do on the internet affects data.

*Answer: True*

b. Axxess is not an ISP for fibre connections.

*Answer: True*

c. You need an ONT device if you want to use DSL internet.

*Answer: False – a router OR fibre option*

d. Speed of internet is not important when choosing an internet connection.

*Answer: False – very*

e. High quality videos use about 1 TB/h of data.

*Answer: False – 1GB/h*

4. Short and medium questions

Answer the following questions:

- a. What is the difference between uploading and downloading?

*Answer: Uploading is the process of putting web pages, images and files onto a web server while downloading is the process of getting web pages, images and files from a web server.*

- b. What is broadband?

*Answer: Broadband is a high data rate connection that allows the user to send data over multiple channels.*

- c. What is the difference between shaped and unshaped internet connection?

*Answer: Priority is given to services like e-mail, internet browsing and FTP for a shaped internet connection. Other internet protocols like file sharing and online gaming receive a lower priority and will run slower at times when the network is busy. Unshaped internet access treats all protocols the same with the same speed.*

- d. What four things must you consider when choosing an internet connection?

*Answer: You need to consider the following:*

- *Speed of the internet.*
- *Data cap of your connection.*
- *Cost of the internet.*
- *Equipment you will need to connect to the internet.*

- e. Explain the Fair Usage Policy.

*Answer: A fair-usage policy (also called a reasonable-usage policy or an acceptable-usage policy) is a data limit placed on "uncapped" internet accounts. According to this policy, your internet account will not be capped or limited unless you use too much data, in which case your internet access may be slowed (throttled) to the point where it is unusable.*