



Province of the
EASTERN CAPE
 EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)
HOME SCHOOLING SELF-STUDY WORKSHEET

SUBJECT	COMPUTER APPLICATIONS TECHNOLOGY	GRADE	12	DATE	22/04/20
TOPIC	Networks: Internet Connections	TERM 1 REVISION		TERM 2 CONTENT	✓
TIME ALLOCATION	30 Minutes	<u>TIPS TO KEEP HEALTHY</u>			
INSTRUCTIONS	<ol style="list-style-type: none"> This is a Theory Worksheet: You will need a book to write your answers in and something to write with. Answer the following questions in your workbook. WHERE TO FIND THE ANSWERS: <ul style="list-style-type: none"> You may use your CAT textbook to find the answers or alternatively, you can use the free downloadable CAT textbook provided by the Department of Basic Education. See the link below to download this book. <p>THEORY COMPUTER APPLICATIONS TECHNOLOGY: https://drive.google.com/drive/folders/17mOqPgJ1vHiwcErERV10jnEQgd6xpyj-?usp=sharing With thanks to the Department of Basic Education and the sponsorship of MTN this digital book and exercises are utilized by our CAT Grade 12 learners</p>	<ol style="list-style-type: none"> WASH YOUR HANDS thoroughly with soap and water for at least 20 seconds. Alternatively, use hand sanitizer with an alcohol content of at least 60%. PRACTICE SOCIAL DISTANCING – keep a distance of 1m away from other people. PRACTISE GOOD RESPIRATORY HYGIENE: cough or sneeze into your elbow or tissue and dispose of the tissue immediately after use. TRY NOT TO TOUCH YOUR FACE. The virus can be transferred from your hands to your nose, mouth and eyes. It can then enter your body and make you sick. STAY AT HOME. 			

1. Write down the correct answer for each of the following questions.
 - a. Which one of the following is NOT an ISP?
 - A. MWEB
 - B. M-Net
 - C. Afrihost
 - D. Webafrica
 - b. Which one of the following is NOT an example of broadband?
 - A. 3G
 - B. ADSL
 - C. 4K
 - D. Fibre
 - c. Which one of the following is NOT an option for fast internet users whose speed is more than 20 Mb/s?
 - A. 56 k
 - B. VDSL
 - C. LTE
 - D. Fibre
2. Choose a term or concept from Column B that matches the description in Column A. Write only the letter next to the question number.

COLUMN A	COLUMN B
2.1 An internet connection without limited data	A. ADSL
2.2 Connection option suited for 4 Mb/s download speed	B. MTN
2.3 ISP with fibre option	C. 56K
2.4 What you pay to get internet access	D. LTE
2.5 Mobile network provider	E. ISP
	F. Capped
	G. Uncapped
	H. Afrihost

3. Say if the following statements are TRUE or FALSE. Correct the underlined word(s) if they are false.
- Everything you do on the internet affects data.
 - Axxess is not an ISP for fibre connections.
 - You need an ONT device if you want to use DSL internet.
 - Speed of internet is not important when choosing an internet connection.
 - High-quality videos use about 1 Tb/h of data.
4. Answer the following questions:
- What is the difference between uploading and downloading?
 - What is broadband?
 - What is the difference between a shaped and an unshaped internet connection?
 - What four things must you consider when choosing an internet connection?
 - Explain the FUP.