Province of the

EASTERN CAPE

EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)

HOME SCHOOLING SELF-STUDY WORKSHEET 24

SUBJECT	COMPUTER APPLICATIONS TECHNOLOGY	GRADE	12	DATE	07/05/20
TOPIC	System Software: Factors that influence performance			TERM 3 CONTENT	✓
TIME ALLOCATION	30 Minutes		**TIPS TO KEEP HEALTHY**		

INSTRUCTIONS	1. This is a Theory Worksheet:
	2. You will need a book to write your answers in and something to write with.
	3. Answer the following questions in your workbook.
	4. **WHERE TO FIND THE ANSWERS:**
	    • 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. **(Chapter 6 page 151)**
	    • See the link below to download this book.
	    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
		1. **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%.
		2. **PRACTICE SOCIAL DISTANCING** – keep a distance of 1m away from other people.
		3. **PRACTISE GOOD RESPIRATORY HYGIENE**: cough or sneeze into your elbow or tissue and dispose of the tissue immediately after use.
		4. **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.
		5. **STAY AT HOME.**		

1. Which of the following refers to cache located on the CPU?
   a. Disk cache
   b. CPU cache
   c. Web cache
   d. Motherboard cache
2. Answer the following questions:
   a. Define RAM.
   b. Explain what influences a CPU's speed.
   c. What can potentially happen if you open too many applications at the same time?
   d. Describe how cache improves performance.
   e. List three ways in which you can free up disk space.
   f. What is meant by a CPU's generation and how does this affect its speed?