Province of the

EASTERN CAPE

EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)

HOME SCHOOLING SELF-STUDY WORKSHEET 34

SUBJECT	COMPUTER APPLICATIONS TECHNOLOGY	GRADE	12	DATE	26/05/20
TOPIC	INTERNET AND NETWORK TECHNOLOGIES: Revision	TERM 1 REVISION		TERM 4 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.
	 • 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.**		

1.1 Name the device that connects multiple computers in a LAN. (1)

1.2 Name the component in each computer that makes it possible to connect to a network. (1)

1.3 State TWO limitations of a wired LAN when compared to a wireless LAN. (2)

2.1 Define *grid computing*. (2)

2.2 Give ONE example of a real-life situation where grid computing could be used. (1)

3 Discuss TWO ways to automatically block unwanted content in the web browser. (2)

4 How do clients benefit when their internet connection is shaped by an ISP? (Do NOT refer to cost in your answer.) (2)

5.1 Explain the concept of *streaming*. (2)

5.2 Discuss TWO ways in which a user can prevent/reduce interruptions (buffering) while streaming a video. (2)
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