



Province of the
EASTERN CAPE
 EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)

HOME SCHOOLING SELF-STUDY WORKSHEET 82

SUBJECT	COMPUTER APPLICATIONS TECHNOLOGY	GRADE	12	DATE	11/8/20
TOPIC	INTERNET AND NETWORK TECHNOLOGIES: Revision	TERM 1 REVISION		TERM 4 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. 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 	<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 Give TWO reasons for compressing files before uploading them to cloud storage. (2)
- 2 Study the Internet connection package advertised below and answer the questions that follow.

- | |
|---|
| <ul style="list-style-type: none">• 30 GB data per month• 15 Mbps• Shaped |
|---|

- 2.1 Give the common term used when an Internet Service Provider slows down your Internet speed when you download huge amounts of data. (1)
- 2.2 Give TWO factors (besides the one in QUESTION 5.2.1) that can influence Internet speed. (2)
- 2.3 Explain the term *shaped* and provide ONE example of a situation where it would be necessary to 'shape' a connection. (2)
- 3 How would RSS-feeds be used to distribute podcasts? (1)
- 4 You are unable to attend a seminar in Limpopo due to protests. A friend suggests you use a video conference.
 - 4.1 How can a video conference be used to share information about the seminar in Limpopo? (2)
 - 4.2 Give TWO advantages of using a video conference. (2)
- 5 Your friend complained that he was automatically redirected to a fake website, even when he typed in the correct URL for a specific website.
Name TWO ways how he can prevent becoming a victim of pharming. (2)
- 6 What is *digital migration*? (1)

[15]