



Province of the
EASTERN CAPE
 EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)

HOME SCHOOLING SELF-STUDY WORKSHEET 33

SUBJECT	COMPUTER APPLICATIONS TECHNOLOGY	GRADE	12	DATE	25/5/20
TOPIC	SYSTEM TECHNOLOGIES	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 Name TWO types of users who would find the performance of a standard entry-level computer suitable to their needs. (2)
- 2 How does an open-source operating system, such as Linux, differ from an enterprise operating system, such as Windows? (2)
- 3 State TWO advantages for a student using web-based applications over installed applications. (2)
- 4 Give TWO practical examples of where RFID tags are used. (2)
- 5 Give TWO reasons why touch screens are commonly used in portable devices. (2)
- 6 State TWO advantages of using a micro USB port instead of the standard USB port on a smartphone. (2)
- 7 External hard drives and rewritable DVDs are often used for backup purposes.
 - 7.1 Give TWO reasons why it may be better to use an external hard drive instead of a DVD to backup data. (Do NOT refer to cost in your answer.) (2)
 - 7.2 Suggest TWO ways in which more space can be created on an external hard drive that is almost full. (2)
 - 7.3 Give TWO reasons why files on an external hard drive could become corrupted when making backups. (2)
- 8 When switching on your computer, you find that there is no display on the screen.

Other than a faulty screen, discuss TWO reasons why there is no display. (2)
- 9 The latest version of a program was downloaded from the internet, however, when the user runs the installer, the program does not install.

Give TWO reasons why a program fails to install. (2)
- 10 Other than the cost factor, state ONE limitation of using a 3D printer. (1)
- 11 A correctly formatted word processing document was printed, but some text was 'cut off' at the edge of the page.

Discuss TWO possible reasons for this. (2)

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