



Province of the
EASTERN CAPE
 EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)

HOME SCHOOLING SELF-STUDY WORKSHEET 38

SUBJECT	COMPUTER APPLICATIONS TECHNOLOGY	GRADE	12	DATE	2/6/20
TOPIC	INTERNET AND NETWORK TECHNOLOGIES: Revision	TERM 1 REVISION		TERM 4 CONTENT	✓
TIME ALLOCATION	30 Minutes	<p><u>TIPS TO KEEP HEALTHY</u></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. 			
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 				

- 1 Name a device that connects a LAN to a WAN. (1)
 - 2 State TWO disadvantages of using Bluetooth to connect devices in a home area network (HAN). (2)
 - 3 Give TWO reasons why a school may not want to use cloud storage for storing large volumes of data. (2)
 - 4 Name ONE type of technology that uses radio waves for data transfer. (1)
 - 5 What is the function of a network switch? (1)
 - 6 User access rights can limit what a user can do on a network.
Give TWO examples of access rights that restrict a user on a network. (2)
 - 7 Which software is required to access a company's intranet? (1)
 - 8 The Internet is increasingly being used to make voice calls.
 - 8.1 Give an example of a program that supports VoIP, other than Skype. (1)
 - 8.2 Why is it not recommended to use VoIP for emergency calls? (1)
 - 8.3 Why would a user reduce the quality of VoIP calls? (1)
 - 9 Suggest TWO ways in which a user can listen to music on a smartphone that has no headphone jack (port). (2)
- [15]**