



Province of the
EASTERN CAPE
 EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)

HOME SCHOOLING SELF-STUDY WORKSHEET 96

SUBJECT	COMPUTER APPLICATIONS TECHNOLOGY	GRADE	12	DATE	3/9/20
TOPIC	SOLUTION DEVELOPMENT: 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 The electronic form below was designed to be used for online registration of exhibitors.

- 1.1 Critically comment on the layout of the components of the form, by indicating TWO ways in which the layout can be improved. (2)
- 1.2 Critically evaluate the components on the form that are used to obtain data from the user. Identify ONE poorly chosen component and suggest a more suitable component. (2)

- 2 Study the spreadsheet below and answer the questions that follow.

	A	B
1	First name and surname	Position of space between first name and surname
2	Ted Peyser	4
3	Monique Duvenhage	8
4	Johan Keyser	6

- 2.1 Give only the name of the function that was used in column B to obtain the position of the space between the first name and the surname. (1)
- 2.2 Give the most likely reason for obtaining the position of the space between the first name and the surname. (1)

- 3 The function below was used in a spreadsheet to count the number of cells in the range B3:B10 that contain amounts less than R100.00.

=COUNTA(B3:B10,>R100)

Give TWO reasons why this function will NOT work correctly, and give the correction in each case. (2)

- 4 Study the screenshot extract of a database table below and answer the questions that follow.

Suburb_Streetname	DwellingNumber
Avondale, Lille Road	24
Avontuur, Begonia Street	32A
Monwabisi, Thafeni Street	79
Amandelsrug, Langverwacht Drive	B 103

- 4.1 Which criterion would you enter in a query to extract suburbs starting with 'A'? (2)
- 4.2 State which data type was used for the field *DwellingNumber*. (1)
- 4.3 Which criterion would you enter in a query to find those records that do not have a value entered in the *DwellingNumber* field? (1)
- 5 A learner created a web page using hypertext markup language (HTML). When he double-clicked the file in Windows Explorer to view the page in a browser, the file opened in Notepad.

Briefly explain what mistake was made in saving the file, and how to fix the mistake so that the web page may be viewed in a browser. (2)

- 6 Examine the screenshot below of a table on a web page that was created using HTML and answer the question that follows.

Worm	A computer worm is <i>malware that is able to distribute itself over a network, normally via e-mail, without a person having run an infected program</i>
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Only the word 'malware' (in the second column) should be in italics. However, all the text after this word is italicised as well.

What is the most likely cause of this error?

(1)
[15]