



Province of the
EASTERN CAPE
 EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)
HOME SCHOOLING SELF-STUDY WORKSHEET 76

SUBJECT	COMPUTER APPLICATIONS TECHNOLOGY	GRADE	12	DATE	30/7/20
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 Web page development.

1.1 What is the difference between *www* and the *Internet*? (2)

1.2 Identify the error in the following section of HTML code:

```
<html>
  <body bgcolor="black">
  </body>
</html>
```

 (1)

2 In which specific section of a database report would you have to place a function to count the total number of records listed in the report? (1)

3 Study the spreadsheet below and answer the questions that follow.

	A	B	C	D	E
1	Grade 12 marks				
2					
3	Number	Name	Mark	Pass	
4	1	Leonard	45	Yes	
5	2	Mario	39	No	
6	3	Thabo	27	No	
7	4	Susan	81	Yes	
8	5	Jonas	78	Yes	
9	6	Gavin	74	Yes	
10	7	Atha	65	Yes	
11	8	Joe	55	Yes	
12	9	Stacy	68	Yes	
13	10	Sethu	69	Yes	
14					
15	<i>Students 80 or more</i>		1	8	<i>Pass</i>
16	<i>Total marks</i>		601.10	2	<i>Fail</i>

3.1 Which function would be used in **cell C15** to determine how many students scored 80 marks or more? (1)

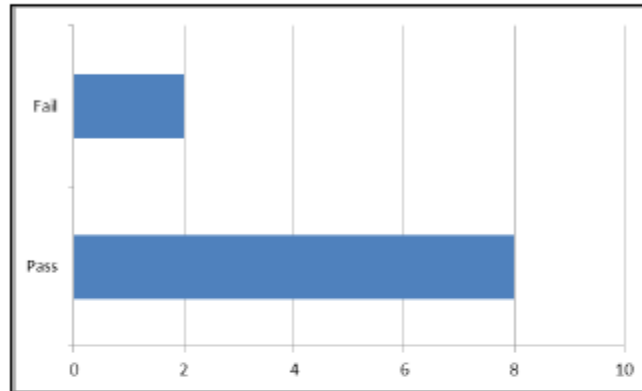
3.2 Even though the marks in **cells C4:C13** were formatted to the nearest whole number, the total of all the marks in **cell C16** shows a value after the decimal point.

Explain why this is happening by referring to the difference between using formatting and using the ROUND function. (2)

3.3 Name the most suitable data type that should be used in **cells D4:D13**. (1)

3.4 Name a function that could be used in column D to automatically give the answer 'Yes' or 'No', based on the marks in column C. (1)

3.5 A bar graph/chart has been created to show the proportion of students that passed or failed.



Suggest a more suitable type of graph/chart to display this information. (1)

3.6 When entering a phone number into a cell on the worksheet, the 0 in front of the number falls away, for example 0831234567 is displayed as 831234567.

Explain why this happens and suggest a possible solution. (2)

4 When opening a file on your computer, a message might appear indicating that the file is 'read-only'.

Give TWO possible reasons why the file may be 'read-only'. (2)

5 Suggest ONE way of correctly uninstalling a program from a computer system. (1)

[15]