



Province of the  
**EASTERN CAPE**  
 EDUCATION

**DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)**

**HOME SCHOOLING SELF-STUDY WORKSHEET ANSWER SHEET 96**

<b>SUBJECT</b>	COMPUTER APPLICATIONS TECHNOLOGY	<b>GRADE</b>	12	<b>DATE</b>	3/9/20
<b>TOPIC</b>	SOLUTION DEVELOPMENT: Revision	<b>TERM 1 REVISION</b>		<b>TERM 4 CONTENT</b>	✓

1.1	<p><i>Any TWO design requirements to improve navigation ✓✓</i></p> <ul style="list-style-type: none"> <li>Information that is related should be grouped together e.g. personal information and exhibition stand information separately.</li> <li>The natural reading order is top to bottom and left to right. The text boxes/buttons could therefore be underneath each other rather than scattered across the form/order.</li> <li>Submit button should be at the bottom right hand side of the form as all the information should be completed before it is submitted.</li> <li>Missing labels.</li> <li>Include a title.</li> <li><b>NOTE:</b> Accept any other sensible suggestion.</li> </ul>	(2)	
1.2	<p><i>Identify any ONE as well as suggestion: ✓✓</i></p> <ul style="list-style-type: none"> <li>Checkboxes ✓ should be radio/option buttons. ✓</li> <li>The size of the table's field ✓ could be a combo box/list. ✓</li> </ul>	(2)	4
2.1	FIND ✓	(1)	
2.2	<p>To be able to separate the name and surname using text functions / To check that a space has been added to distinguish between the name and surname. ✓</p> <ul style="list-style-type: none"> <li><i>[Look for understanding of the central concept – <u>separating first names and surnames (for some purpose or other)</u>]</i></li> </ul>	(1)	2

3	<p><i>Any TWO of.</i> ✓✓</p> <ul style="list-style-type: none"> <li>• Incorrect function: Replace COUNTA with COUNTIF</li> <li>• Incorrect 'less than' operator: Replace &gt; with &lt;</li> <li>• Currency symbol 'R' must not be prefixed to the amount: Replace R100 with 100 [ OR 100.00 ]</li> <li>• The criterion must be enclosed in double quote marks: Replace &lt;100 with "&lt;100" [ OR "&lt;100.00" ]</li> </ul> <p><i>[For the first two bullet points, the correct replacement must be specified (e.g. cannot simply say 'incorrect function' or 'incorrect operator'.)]</i></p> <p><i>Mark each bullet point separately. E.g. 'Incorrect operator ... replace &gt;R100 with &lt;R100' is worth 1 mark, even though the presence of the currency symbol is also incorrect.</i></p> <p><i>Also accept correct rewriting of the function, marking each correction separately: =COUNTIF(B3:B10,"&lt;100.00")</i></p>	(2)	2
4.1	<p>A ✓ * ✓</p> <p><i>[Also accept a* and Like "A*"]</i></p>	(2)	4
4.2	<p>Short Text ✓</p> <p><i>[Also accept Text (Access 2010)]</i></p>	(1)	
4.3	<p>Is Null ✓</p>	(1)	
5	<p><u>Mistake:</u> the file was saved with a TXT extension. ✓</p> <p><u>How to fix:</u> change the file extension to HTML. ✓</p>	(2)	2
6	<p>The closing tag for italic formatting was not inserted after the word 'malware'. ✓</p> <p><i>[Also accept correct code &lt; i &gt;malware&lt; / i &gt; , but this is not required for the mark]</i></p>	(1)	1
			<b>[15]</b>