



Province of the  
**EASTERN CAPE**  
 EDUCATION

**DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)**  
**HOME SCHOOLING ASSESSMENT**

<b>SUBJECT</b>	COMPUTER APPLICATIONS TECHNOLOGY	<b>GRADE</b>	12	<b>DATE</b>	17/04/20
<b>TOPIC</b>	Assessment 3: Software	<b>TERM 1 REVISION</b>	✓	<b>TERM 2 CONTENT</b>	(Please tick)
<b>TIME ALLOCATION</b>	45 minutes (40 marks)	<p><b><u>TIPS TO KEEP HEALTHY</u></b></p> <ol style="list-style-type: none"> <li><b>WASH YOUR HANDS</b> thoroughly with soap and water for at least 20 seconds. Alternatively, use hand sanitizer with an alcohol content of at least 60%.</li> <li><b>PRACTICE SOCIAL DISTANCING</b> – keep a distance of 1m away from other people.</li> <li><b>PRACTISE GOOD RESPIRATORY HYGIENE:</b> cough or sneeze into your elbow or tissue and dispose of the tissue immediately after use.</li> <li><b>TRY NOT TO TOUCH YOUR FACE.</b> The virus can be transferred from your hands to your nose, mouth and eyes. It can then enter your body and make you sick.</li> <li><b>STAY AT HOME.</b></li> </ol>			
<b>INSTRUCTIONS</b>	<ol style="list-style-type: none"> <li>This is an Assessment on the work done during the week.</li> <li>You will need a book to write your answers in and something to write with.</li> <li>Answer the following questions in your workbook in full sentences where applicable.</li> <li>Do not refer back to your textbook while answering these questions.</li> <li>For the short questions all you need to do is write down the number and the corresponding letter (Part 1,2 and 3)</li> <li>In the True and False questions, you have to give the correct word if the answer is False to get the mark.</li> <li>In Part 4 you have to answer in detail to get the marks. One word answers will not be acceptable here.</li> </ol>				

### QUESTION 1: MULTIPLE CHOICE

- 1.1 Which of the following is an example of online spreadsheet software? (1)
- A. Google Docs
  - B. Google Sheets
  - C. Microsoft Excel
  - D. Microsoft PowerPoint
- 1.2 Which of the following is a limitation of installed software? (1)
- A. You must back up and save your data
  - B. Data is stored on your computer
  - C. You need an internet connection to access your data
  - D. It is slower than web-based software
- 1.3 Which of the following has a built-in antivirus? (1)
- A. Email software
  - B. Web browsers
  - C. Database software
  - D. Spreadsheet software
- 1.4 Which of the following would be the output equivalent of voice-recognition software when used by blind users? (1)
- A. Eye-motion sensors
  - B. Text-to-speech software
  - C. Braille interface
  - D. Gesture-recognition software

- 1.5 Which of the following is NOT an advantage of UCD? (1)
- A. Produces safer products
  - B. Requires training
  - C. Meets customer expectations
  - D. Improves website layout

[5]

### QUESTION 2: TRUE OR FALSE

Indicate if the following statements are TRUE or FALSE. Correct the statement if it is false.

Change the underlined word(s) to make the statement true.

- 2.1 Software tells the computer's hardware what to do. (1)
- 2.2 Reference software uses templates. (1)
- 2.3 You will always have access to installed software when compared to web-based software. (1)
- 2.4 Word-processing software and reference software use dictionaries. (1)
- 2.5 PDFs are used by word-processing software to restrict user access to documents. (1)

[5]

### QUESTION 3: MATCHING ITEMS

Choose a term or concept from Column B that matches a description in Column A. (5)

COLUMN A	COLUMN B
3.1 A secure way of storing your data	A. Read-only files
3.2 Software that allows you to add animation effects to text	B. Document management software
3.3 A document that does not allow you to edit, rename, or save changes to it	C. Presentation software
3.4 The system requirements needed to make a program work	D. Typing tutor
3.5 Software that makes use of encryption and passwords to protect your information	E. Minimum system requirements
	F. Cloud applications
	G. Recommended system requirements
	H. Updating software

[5]

#### QUESTION 4: CATEGORISATION QUESTIONS

Using the following table, determine which applications are used for the following software.

Copy and complete the table.

(8)

- Word-processing software
- Spreadsheet software
- Database software
- Presentation software
- Reference software
- Email software
- Web browsers
- Document management software

SOFTWARE	APPLICATION
4.1 Microsoft PowerPoint	
4.2 Google Maps	
4.3 FileInvite	
4.4 Opera	
4.5 MySQL	
4.6 Microsoft Outlook	
4.7 Wikipedia	
4.8 Microsoft Excel	

[8]

## QUESTION 5: SCENARIO-BASED QUESTIONS

- 5.1 Recently, Sizwe's computer programs have been running very slowly and providing him with constant error messages. Since he bought his computer two years ago, he has never allowed his computer to access the internet.
- a. What kind of software problem do you think Sizwe has? (1)
  - b. Give two reasons why it is important for Sizwe to address this problem? (2)
  - c. Now that Sizwe has started to access the internet more regularly, he has noticed that some websites do not work on his current web browser. Mention two things that could be causing this problem. (2)
  - d. Sizwe decides to update all the software on his computer, but some of them do not want to update. Give two reasons why this might be happening and provide a solution to each problem. (4)
  - e. Explain to Sizwe the difference between minimum requirements and recommended requirements. (4)
- 5.2 The Tinder dating app revolutionised online dating, so much so that it made a social-cultural impact.
- a. Do you think that the creator of the app used the UCD process when creating the app? Give two reasons for your answer. (2)
  - b. Provide two advantages of using the UCD process. (2)

[17]

**TOTAL: [40]**