



Province of the  
**EASTERN CAPE**  
EDUCATION

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

**HOME SCHOOLING ASSESSMENT 1 ANSWER SHEET**

<b>SUBJECT</b>	COMPUTER APPLICATIONS TECHNOLOGY	<b>GRADE</b>	12	<b>DATE</b>	10/04/20
<b>TOPIC</b>	HARDWARE	<b>TERM 1 REVISION</b>	✓	<b>TERM 2 CONTENT</b>	(Please tick)

**Part 1: Multiple choice**

- 1.1 Which of the following is an example of memory? (1)  
*Answer: A ✓*
- 1.2 Which of the following is NOT a communication device? (1)  
*Answer: C ✓*
- 1.3 Which of the following networks would a home user use? (1)  
*Answer: C ✓*
- 1.4 Which of the following storage is NOT physical? (1)  
*Answer: C ✓*
- 1.5 Which of these problems has to do with the computer's software? (1)  
*Answer: D ✓*

**Part 2: True or false**

Indicate if the following statements are 'True' or 'False'. Choose the answer and write 'true' or 'false' next to the question number. Correct the statement if it is FALSE. Change the underlined word(s) to make the statement TRUE. (You may not simply use the word 'NOT' to change the statement.)

- 2.1 SOHO users are people who work at home and in small offices. (1)  
*Answer: True. ✓*
- 2.2 A smartphone is ideal for a mobile user. (1)  
*Answer: True. ✓*
- 2.3 When you use a keyboard make sure that your elbow does not bend a lot. (1)  
*Answer: False. When you use a keyboard make sure that your wrist does not bend a lot. ✓*
- 2.4 A digital camera captures photographs and stores them on an internal hard drive. (1)  
*Answer: False. A digital camera captures photographs and stores them on a digital memory card. ✓*
- 2.5 Cache is located on the hard disk while RAM is located on the CPU. (1)  
*Answer: False. Cache is located on the CPU while RAM is located on the motherboard. ✓*

### Part 3: Matching items

Choose a term/concept from COLUMN B that matches a description in COLUMN A. Write only the letter next to the question number (e.g. 1-A). (5)

Answer: 3.1 D ✓ 3.2 B ✓ 3.3 F ✓ 3.4 E ✓ 3.5 C ✓

### Part 4: Categorisation questions

Classify the following pieces of hardware as either input, processing, output or communication devices. (10)

Answer:

- 4.1 Input device ✓
- 4.2 Output device ✓
- 4.3 Output device ✓
- 4.4 Processing device ✓
- 4.5 Storage device ✓
- 4.6 Input device ✓
- 4.7 Communication device ✓
- 4.8 Storage device ✓
- 4.9 Input device ✓
- 4.10 Communication device ✓

### Part 5: Medium questions

5.1 Provide THREE examples of an input device a paralysed person would use. (3)

Answer: Some possible answers:

- Microphone ✓
- Eye-motion sensor ✓
- Sip-and-puff device ✓

5.2 How do you access and use the Optimise Drives tool? (5)

Answer: You must do the following:

1. Open your computer's Start Menu. ✓
2. Enter the words Optimise Drives in the search box. ✓
3. Click on the Defragment and Optimise Drives application. ✓ The Optimise Drives window should open.
4. Click on the Optimise button to begin optimising your hard drive. ✓

At the bottom of the Optimise Drives window, enable the Scheduled Optimisation option by using the Change Settings button. ✓

5.3 If you want to watch a video on YouTube what hardware do you need? Mention ONE piece of hardware you will need for each step of the information processing cycle. (5)

Answer: Use the following as an assessment guideline:

- Input: Keyboard ✓ and mouse ✓
- Storage: Internal hard drive ✓
- Processing: CPU ✓ and RAM ✓
- Output: Screen ✓, Speakers ✓, Headphones ✓
- Communication: Network or Wi-Fi card ✓

5.4 Which do you think is better, wired or wireless input devices? Give a reason for your answer. (2)

*Answer: Student's own answer.*

*Use the following examples as an assessment guideline:*

- *Wired input devices ✓, since they are directly connected to the computer, they do not get lost easily ✓*
- *Wireless input devices ✓, since they have no cables, they do not create tripping hazards. ✓*

TOTAL: [40]