



Province of the  
**EASTERN CAPE**  
EDUCATION

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

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

<b>SUBJECT</b>	COMPUTER APPLICATIONS TECHNOLOGY	<b>GRADE</b>	12	<b>DATE</b>	06/04/20
<b>TOPIC</b>	Hardware: Summary of hardware	<b>TERM 1 REVISION</b>	✓	<b>TERM 2 CONTENT</b>	(Please tick)

1. Multiple choice

a. Which one of the following is a technology commonly used to connect a variety of different devices to a computer?

*Answer: C*

b. The \_\_\_\_ retains the data stored on it even if the power goes off.

*Answer: B*

c. Which hardware device can create electronic copies of documents by capturing an image?

*Answer: B*

d. A(n) ... is NOT an example of optical storage.

*Answer: C*

e. While editing videos on a mobile device, most of the battery life will be used by the\_\_\_\_\_.

*Answer: B*

2. Matching items

Choose a term/concept from COLUMN B that matches the description in COLUMN A. Write only the letter next to the question number.

2.1 E

2.2 F

2.3 A

2.4 C

2.5 B

3. True or false statements

Indicate whether the following statements are TRUE or FALSE. 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. NO mark will be awarded if only FALSE is written down.

a. A scanner captures media such as pictures, videos and sound.

*Answer: False - video devices*

b. A fingerprint scanner scans documents such as photographs and pages of text and convert it into a digital format.

*Answer: False - normal scanner*

c. A monitor displays or sends data from a computerised device to other users.

*Answer: False - a multifunction device or Fax modem or DLP device*

d. Speakers convert data on a computer to sound.

*Answer: True*

4. Short and medium questions

Answer the following questions:

- a. What is hardware? Name at least three different types of hardware devices?

*Answer: Hardware are the physical components that together make a desktop PC. Any three but not limited to the following: mouse, keyboard, monitor, motherboard, hard drive, speakers, etc.*

- b. What are the two memory components on a motherboard (state their acronyms) and what is the difference between the two?

*Answer: Random Access Memory is very high-speed storage that temporarily stores data the CPU is using and Read Only Memory is non-volatile memory that the computer uses to start up.*

- c. What is the difference between a modem, router and a switch?

*Answer: A router connects computers to a network and the internet. A modem connects computers to a network and the internet. A switch connects many computers on the same, internal network.*