



Province of the
EASTERN CAPE
EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)

HOME SCHOOLING SELF-STUDY WORKSHEET ANSWER SHEET

SUBJECT	COMPUTER APPLICATIONS TECHNOLOGY	GRADE	12	DATE	07/04/20
TOPIC	Hardware: Buying the correct hardware, Computer users, Buying recommendations, Productivity, efficiency, accuracy and accessibility issues	TERM 1 REVISION	✓	TERM 2 CONTENT	(Please tick)

1. Multiple choice

- a. Which ONE of the following is the abbreviation for the largest unit used to measure storage?

Answer: D

- b. For which type of user is the following list of components intended? Core 2 Duo processor, 4 GB memory, 500 GB hard drive, DVD reader.

Answer: C

- c. An Ultrabook is a preference for which travelling users?

Answer: A

- d. Mobile users require a device that has which of the following features?

Answer: C

- e. Which of the following is not an example of a computer user?

Answer: A

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 D

2.2 F

2.3 H

2.4 B

2.5 A

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. The type of user that uses the most graphic processing power is a home user.

Answer: False - power user

- b. Stephen Hawking was a power user.

Answer: False - disabled user

- c. Screen resolution determines how much information they can view on a screen at a time.

Answer: True

4. Short questions

Answer the following questions:

- a. What are the different types of users? Give an example of a hardware component that is most important to each type of user.

Answer: Examples are as per the student's own answer. Following are some of the most likely components.

Home user	HDD, network card
SOHO	Printer, scanner
Mobile	Mobility, CPU, 3G
Power	CPU, GPU, RAM
Disabled	Wireless components, CPU

- b. What does the acronym SOHO stand for?

Answer: Small office or home office

- c. Which type of user uses the most processing power?

Answer: A power user OR disabled user

- d. What is the difference between a SOHO user and a home user?

Answer: Small office or home office (SOHO) users use a variety of hardware and devices for their business activities and a home user uses a computer for personal and social means.

5. Scenario

The specifications below appeared in an advertisement for a notebook computer. Study the specifications and answer the questions that follow:

- a. Would the computer described above be suitable for a power user such as a video-editing professional? Substantiate your answer by giving two reasons to support your answer.

Answer: No, the RAM is not enough, and the graphics card is not good enough; it is an on-board graphics card. The low processing power can also be mentioned.

- b. Give two reasons why a notebook computer would be more suitable than a desktop computer for learners in a school.

Answer: Any two of the following:

- *The portability factor enabling students to take the notebook home and practise.*
- *Provides a one-on-one computing environment.*
- *Fosters collaboration with peers and teachers even out of the classroom.*
- *Promotes skills such as critical thinking, independent research and cross-technology proficiency.*
- *There are a number of educational apps and programmes available meaning far more versatility and range in terms of resources.*