



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>	15/04/20
<b>TOPIC</b>	Software: Interpreting System Requirements	<b>TERM 1 REVISION</b>	✓	<b>TERM 2 CONTENT</b>	(Please tick)

1. 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. If your software does not meet the system requirements, it means that the software will not work.

*Answer: False – may still work*

- b. Running out of RAM may cause programs to stop working.

*Answer: True*

- c. Certain programs cannot work if you do not have the right operating system.

*Answer: True*

- d. Modern laptops (after 2009) meet systems requirements for Office packages (for example, Microsoft Word, Microsoft Excel and Microsoft PowerPoint).

*Answer: True*

- e. A computer will not function properly if it contains software instructions that cannot be performed by the hardware.

*Answer: True*

## 2. Scenario

Look at the different advert of computers and software and answer the following questions.

- a. What difference does it make to your computer when you run a program that meets the minimum requirement, compared to a program that is run at the recommended requirements?

*Answer: Minimum requirements is the minimum hardware specifications that the software needs to meet to work on the computer. Recommended requirements is the average hardware requirements that the software needs to meet to run fairly smoothly.*

- b. Does the Dell laptop have the minimum requirements for Windows 10? Show how you came to this answer.

*Answer: Yes. Windows 10 Home is already installed on the laptop.*

- c. What does OS mean in the Call of Duty game requirements?

*Answer: Operating System*

- d. What does display resolution 1366 x 768 mean?

*Answer: The maximum display quality the laptop can show is 1366 pixels horizontally and 768 pixels vertically.*

- e. What is meant with "Touch Display"?

*Answer: It shows whether the laptop (computer) screen allows the user to interact with the laptop (computer) by using their finger or stylus.*

- f. What type of software is Photoshop?

*Answer: Photoshop is paid imaging editing software.*

- g. Can the Call of Duty: Modern Warfare 2 and Photoshop CC 19 be installed on the laptop?

*Answer: Photoshop CC 19 – Yes, the laptop adheres to minimum requirements if it has access to the internet.*

*Call of Duty: Modern Warfare 2 – No, the laptop does not meet system requirements in term of RAM, processing speed and graphic capabilities.*

- h. List the different processors names in the adverts, sort them from fastest to slowest in terms of speed.

*Answer: List only the CPUs with name and speeds given:*

- o Intel Core 2 Duo E8500 3.16GHz
- o Intel Core i3-530 2.9GHz
- o Intel Celeron - N3060 2.48 GHz.

*Bonus marks can be allocated if the student inscribed the following speeds with the following processors:*

- o AMD Phenom II X4 810 is 2.6 GHz
- o AMD Athlon II X3 415e is 2.5 GHz