Province of the
EASTERN CAPE
EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)

HOME SCHOOLING SELF-STUDY WORKSHEET ANSWER SHEET 21

SUBJECT	COMPUTER APPLICATIONS TECHNOLOGY	GRADE	12	DATE	04/05/20
TOPIC	System Software: The role of the Operating System	TERM 1 REVISION		TERM 3 CONTENT	✓

1. Write down the correct answer for each of the following questions.

    a. Which tab provides information on the applications that automatically become active once your computer is turned on?

    Answer: A

    b. Which tab provides more information on which users are currently signed in to the computer and how much resources they are using?

    Answer: C

    c. Which of the following is NOT a GUI?

    Answer: D

    d. Which of the following is a shortcut used to open Task Manager?

    Answer: B

    e. Which application do you use to find out how the computer is using its resources?

    Answer: A

2. Match the entries in Column B with those in Column A.

    Answer: **2.1** *C* **2.2** *E* **2.3** *A* **2.4** *G* **2.5** *B*

3.   Answer the following questions.

    a.   Explain the role of the operating system.

      Answer: An operating system is a group of system software that is responsible for controlling your computer's hardware and software, providing people with a user interface to interact with, and managing the computer's resources.

    b.   List the three categories into which the functions of the operating system are divided.

      Answer:

      1. Starting the computer.
      2. Providing a user interface.
      3. Managing programs.

    c.   Provide two ways in which to open Task Manager.

      Answer:

      1. Open Task Manager by pressing Ctrl+Shift+Esc on your keyboard.
      2. To open the Task Manager:
      - *Open the Start menu and enter the words "task manager".*
      - *Click on Task Manager.*

    d.   Define multitasking in terms of a computer operating system.

      Answer: Multitasking operating systems allow the computer to run multiple processes (tasks) or applications at the same time, allowing the user to run multiple applications at the same time.

    e.   Discuss the difference of single user versus multiple users. Give a user type and a disadvantage that is associated with each.

      Answer: Single user operating systems are normally designed for home and private use as these computers make use of software that is licensed for a single user only. A single user operating system will allow you to create multiple user profiles. However, it will still be limited to only one active user. Home user.

      Multiple user operating systems allow more than one user to access and use the computer system at the same time. SOHO user OR Power user (if graphics is involved in the business).