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SUB: COMPUTER SUPPORT AND MAINTENANCE

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QUESTION 1

Check for malware or viruses by running a full antivirus scan. remove harmful programs that slows down the system. check for harmful programs that run in the background, using up memory and making the computer freeze. A full antivirus scan will detect and remove these threats. Clean dust and vents, dust causes the computer to overheat and it automatically slows down to protect its parts. A soft cloth or compressed air can clean it. Manage files and updates by deleting programs or files that are no longer needed and make sure the operating system and applications are updated. Updates fix errors and improves performance if the computer is still slow, the task manager helps to close apps that uses too much CPU or memory.

QUESTION 2

THE CPU is often the brain of the computer because it processes instructions and carries out tasks that allow the system to run. It performs calculations, manages data and controls the flow of information between hardware and software. The CPU is essential for running programs, opening files and handing multitasking. Its speed, measured in gigahertZ affects how fast the computer responds, without a CPU the computer cannot function. It is needed to executes commands, supports operating system and ensure smooth performance in both academic and everyday computer use

QUESTION 3

MONTHLY MAINTENANCE

1. RUN ANTIVIRUS SCANS

Full system scans on the computer to detect and remove viruses or malware. this prevents slow performance and protects sensitive data

2. CLEAN DUST AND VENTS

Remove dust from keyboard. Vents and internal components using compressed overheating and prolongs hardware life

3. UPDATE SOFTAWARE AND OP

Install the latest updates and patches to fix bugs, enhance security and improves system stability

4. CHECK STORAGE AND DELETE UNNECESSARY

Remove temporary files, old downloads and unused programs to free up space and keep computer running efficiently

TOOL EXLORATION

CrystalDiskinfo is a free software tool used to monitor the heat and performance of a computer hard drives or SSDs. It provides detailed information about disk temperature., health status, read or write errors and overall lifespan. By checking these indicators regularly, users can identify potential drive failures before they happen. The tool helps in preventive maintenance by alerting when a disk overheating or showing signs of wear ensures data safety, improves system reliability and support timely backups. It is easy to use, lightweight and essential for keeping computer storage in good condition