Codefez 1.5 Types of Software Worksheet 1

1. Edward buys a new computer but wants to save money on software licences. He has been looking into open-source software. Describe what is meant by open source.

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    _____[2]

2. Edward has been told that he should buy an solid state drive in order to not have to sorry about defragmentation. What is fragmentation and can a SSD become fragmented?

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    _____

    _____ [4]

3. FezDrive is a utility software for creating backups of files on a user's computer. What is the difference between full and incremental backups?

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    _____ [4]

4. Tick whether the type of software is usually a role of the OS or whether it is dedicated utility software.

Software	OS	Utility
Antivirus		
Compression		
Encryption		
Defragmentation		
Memory Management		
Firewall		

[5]

5. List three characteristics of an operating system.

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_____

_____ [3]

6. Complete the blanks in the following passage with the following selection of words.

Operating system , communicate, battery, scanner, device, interface, hardware, bugs, automatically, camera

The _____ provides a standardised interface for device _____ to interact with hardware devices. Device drivers are specific software modules that enable the operating system to communicate with and control various hardware components. When a new _____ component such as a _____ is added to a computer, the OS needs device drivers to understand how to _____ with it.

7. Give one reason why a school may choose either proprietary software or open-source software over the other.

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_____[4]