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| **1.2a Digital devices and means of interaction and connection** |
| * Explain the purpose, use and functionality of the listed utility software. |

Specification points:

Skills audit:

|  |  |  |  |
| --- | --- | --- | --- |
| **Criteria** |  |  |  |
| I can identify the purpose and functionality of: | | | |
| * Anti-virus software |  |  |  |
| * Backup software (including full, incremental, differential and GFS backup methods) |  |  |  |
| * Compression software |  |  |  |
| * Defragmentation software |  |  |  |
| * Encryption software |  |  |  |
| * Firewall software |  |  |  |

Teacher feedback:

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Student response:

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**Exam-style questions**

1. Utility programs are available to optimise a computer system and keep it secure.
2. Using the table below, use a tick (✓) to identify whether each utility program is used for security or optimisation.

|  |  |  |
| --- | --- | --- |
| **Utility program** | **Security** | **Optimisation** |
| Anti-virus |  |  |
| Backup |  |  |
| Compression |  |  |
| Defragmentation |  |  |
| Encryption |  |  |
| Firewall |  |  |

**[6]**

1. Identify the purpose of encryption software.

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**[1]**

1. Describe how an encrypted email message is sent and received.

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**[2]**

1. Explain **one** disadvantage of always sending encrypted messages

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**[2]**