Techniques used to protect systems from security threats

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| **Physical Security** | | |
| Technique | Description | How does the technique protect systems in an organisation? |
| Door locks |  |  |
| Card key entry |  |  |
| Closed circuit television (CCTV) |  |  |
| Voice control and biometric scans |  |  |
| Switches kept in a secure location |  |  |
| Backing up data |  |  |
| Use of a fire safe |  |  |

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| **Software based protection** | | |
| Protection | Description | How does the technique protect systems in an organisation? |
| Anti-virus software |  |  |
| Detection techniques |  |  |
| Software and hardware firewalls and filtering techniques |  |  |
| Domain management |  |  |
| User Authentication |  |  |
| Access controls and the methods they use to restrict authorised/unauthorised |  |  |

There are organisational policies and their application, including internet and email use policies, security and password procedures, staff responsibilities, training of staff on IT security issues, disciplinary procedures, security audits and their application to check compliance of policies and procedures. Explain why passwords should be protected and why staff should adhere to these policies and procedures?