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| **1.5 Securing data and systems** |
| * Learners should understand the following threats to data stored on computer systems and online:   + accidental damage – identifying how data can be at risk from accidental destruction.   + malicious and deliberate damage. |

Specification points:

Skills audit:

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| --- | --- | --- | --- |
| **Criteria** |  |  |  |
| I can identify different types of malware, how they affect users and how they can be prevented. |  |  |  |

Teacher feedback:

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Student response:

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**Exam-style questions**

1. Many forms of attack target users by getting them to install malware on their computers.
2. Describe what is meant by malware.

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**[2]**

1. Identify **two** methods that can be used to infect a computer with malware.

1…………………………………………………………………………………………………………………..

2…………………………………………………………………………………………………………………..

**[2]**

1. Describe **two** possible malware threats to a computer and give **one** way each threat can be reduce or prevented.

Malware threat 1………………………………………………………………………………………………...

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Prevention……………………………………………………………………………………………………….

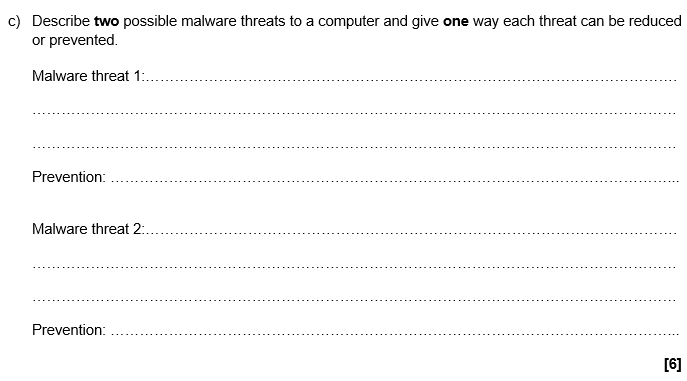
Malware threat 2………………………………………………………………………………………………...

…………………………………………………………………………………………………………………….

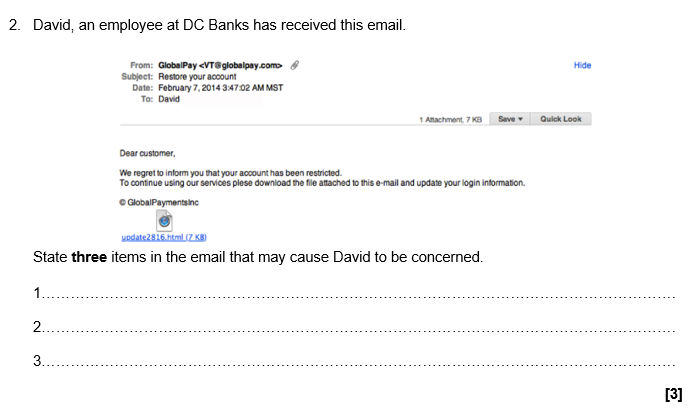
…………………………………………………………………………………………………………………….

Prevention……………………………………………………………………………………………………….

**[6]**



1. David, an employee at DC Banks has received this email.



State **three** items in the email that may cause David to be concerned.

1…………………………………………………………………………………………………………………..

2…………………………………………………………………………………………………………………..

3…………………………………………………………………………………………………………………..

**[3]**