

OCR

Oxford Cambridge and RSA

Level 3 Cambridge Technical in IT
05839/05840/05841/05842/05877**Unit 3: Cyber security****Monday 21 May 2018 – Morning****Duration: 1 hour****C384/1806****You must have:**

- a clean copy of the pre-release (Insert C387)

First Name

Last Name

Centre
Number

Candidate
Number

Date of
Birth

INSTRUCTIONS

- Use black ink.
- Complete the boxes above with your name, centre number, candidate number and date of birth.
- Answer **all** the questions.
- Write your answer to each question in the space provided.
- If additional answer space is required, you should use the lined page(s) at the end of this booklet. The question number(s) must be clearly shown.

INFORMATION

- The case study should be used to answer questions in Section A.
- The total mark for this paper is **60**.
- The marks for each question are shown in brackets [].
- Quality of extended response will be assessed in the question marked with an asterisk (*).
- This document consists of **12** pages.

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USE ONLY**

Question No	Mark
1	/16
2	/15
3	/6
4	/12
5	/11
Total	/60

(d) Describe **two** different methods an attacker could use to get personal information directly from Mr. Daka.

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2.....
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[4]

Mr. Daka is concerned that an attacker accessing the digital personal assistant could do more than just find information.

(e) Explain **two** ways that a cyber attack on the digital personal assistant could result in a physical vulnerability to his property.

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2.....
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[4]

2 There are many different types of attackers who could gain access to the digital personal assistant. One type is a vulnerability broker.

(a) Describe what is meant by a vulnerability broker.

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.....[2]

(b) Describe **two** reasons why Mr. Daka should be concerned by a vulnerability broker having information about the digital personal assistant.

1.....
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2.....
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.....[4]

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END OF QUESTION PAPER

ADDITIONAL ANSWER SPACE

If additional answer space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margin(s) – for example 4(b) or 5(b).

A large rectangular area with a solid vertical line on the left side and horizontal dotted lines across the page, providing space for writing answers.



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