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Wednesday 16 January 2019 – Morning**LEVEL 3 CAMBRIDGE TECHNICAL IN IT****05839/05840/05841/05842/05877** Unit 3: Cyber security**Duration: 1 hour****C384/1901****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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Question No	Mark
1	/28
2	/12
3	/6
4	/11
5	/3
Total	/60

Answer **all** the questions.

Section A

This section relates to the case study about a cyber security attack on a customer in Nepal.

1 Whilst on holiday in Kathmandu, Mr Thapa used a Wi-Fi access point in a coffee shop to connect his personal mobile phone to the internet to perform a number of tasks. Whilst connected his phone was hacked.

(a) The diagram below shows three types of attacker and three definitions.

Draw a line to connect each type of attacker to its correct definition.

Type of attacker	Definition
hactivist	individual who often sends an email trying to get you to pay for goods or opportunities without there being any real end product
phisher	individual who tries to obtain financial or confidential information by sending an email that looks like it has come from a legitimate organisation
scammer	individual who uses computers to promote their own views on a particular issue

[3]

(b) Explain **one** reason why Mr Thapa would want to keep his phone secure.

.....

.....

.....

.....[2]

(b) Mr Thapa has been asked to cooperate with the cyber security team during its investigation.

Explain why it is important to Mr Thapa that each member of the cyber security team has a different role.

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.....
.....
.....[2]

(c) Explain **two** ways that the coffee shop could use the review of the incident created by the cyber security team.

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

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 1(d) or 4(a).

A large rectangular area containing horizontal dotted lines for writing answers. The lines are evenly spaced and extend across the width of the page, starting from the top margin and ending near the bottom margin. A solid vertical line is on the left side of the page, defining the margin.

A vertical solid line runs down the left side of the page. To its right, there are 25 horizontal dotted lines spaced evenly down the page, providing a guide for handwriting.

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