

## Level 3 Cambridge Technical in IT

05838/05839/05840/05841/05842/05877

### Unit 2: Global information

Wednesday 10 January 2018 – Afternoon

Time allowed: 1 hour 30 minutes

**You must have:**

- a clean copy of the pre-release (Insert C386)

First Name						Last Name				
Centre Number						Candidate Number				
Date of Birth	D	D	M	M	Y	Y	Y	Y		

#### 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.
- Additional paper may be used if necessary but you must clearly show your candidate number, centre number and question number(s).

#### INFORMATION

- The case study should be used to answer questions in Section A.
- The total mark for this paper is **80**.
- The marks for each question are shown in brackets [ ].
- Quality of extended response will be assessed in questions marked with an asterisk (\*).
- This document consists of **12** pages.

FOR EXAMINER USE ONLY	
Question No	Mark
1	/5
2	/13
3	/10
4	/4
5	/10
6	/6
7	/15
8	/4
9	/5
10	/8
<b>Total</b>	<b>/80</b>

Answer **all** the questions.

**Section A**

**This section relates to the case study on Progress DogTravel.**

- 1 (a) Identify **one** field in the dog travel arrangements database which is of the text information style.

.....[1]

- (b) (i) Identify the information style used in the *Days Rabies* field in the dog travel arrangements database.

.....[1]

- (ii) Explain why this information style has been used.

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.....

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.....

.....[3]

- 2 Some of the information on the travel paperwork shows the date the dog's rabies vaccination was given.

- (a) Identify the information data type this date would be included in. Justify your choice.

Information data type .....

Justification .....

.....

.....

.....

.....

.....

.....

[4]









**Section B**

**You do not need the case study to answer these questions.**

**6** A library is removing borrowers from its database who have not borrowed a book for three or more years.

**(a)** Identify the data analysis tool which would be used to complete this task. Justify your choice.

Data analysis tool .....

Justification .....

.....  
.....  
.....  
.....  
.....  
.....

**[4]**

**(b)** Describe **one** disadvantage to the borrowers if the data is not removed safely from the database.

.....  
.....  
.....  
.....

**[2]**

7 Stored data and information must be kept secure by organisations.

(a) Explain **two** impacts on an organisation of keeping data and information secure.

1.....  
.....  
.....  
.....

2.....  
.....  
.....  
.....

[4]

(b) Data and information can be intentionally destroyed.

Identify and describe **two** methods which could be used to intentionally destroy data and information.

1.....  
.....  
.....  
.....  
.....  
.....

2.....  
.....  
.....  
.....  
.....  
.....

[6]

(c) Describe how encrypting the data at rest could be used to keep the data secure.

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

(d) Some data can be partially anonymised.

(i) Explain what is meant by the term partially anonymised.

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

(ii) Partially anonymise the data **1124 1451 9998 1103** below.

.....[1]

8 Compare the use of the information styles braille text and tactile images.

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....[4]

9 Individuals have a right of access to information held about them by public bodies.

(a) Identify the Act that contains this right of access.

.....[1]

(b) Describe **two** actions which must be taken when a right of access request is made.

1.....

.....

.....

.....

2.....

.....

.....

.....

[4]

**10** Many organisations have employees who work remotely.

**(a)** Identify **two** ways a secured online area could be used by employees to communicate.

1.....

2.....

**[2]**

**(b)** Explain **two** benefits of using a secured online area for communication.

1.....

.....

.....

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.....

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2.....

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**[6]**

**END OF QUESTION PAPER**



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