

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
Total	/80

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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.....[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

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[4]

(b) Identify the category of information the dog's travel paperwork would be included in.

.....[1]

(c) Explain why it is important that the dog's travel paperwork contains good quality information.

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.....[4]

(d) Describe **two** consequences to the dog and its owner if the information on the dog travel paperwork is of poor quality.

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

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4 The dog’s travel paperwork can be uploaded to an online storage area.

Identify **one** method which could be used to maintain the confidentiality of this information.
Justify your choice.

Method

Justification

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[4]

5* Progress DogTravel has organised travel for dogs to remote countries such as Haiti and Peru.
Discuss, using examples, the issues which could arise if the paperwork for a dog travelling to a remote destination was stored on an online storage area.

[10]

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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

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[4]

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

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[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.

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2.....
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[4]

(b) Data and information can be intentionally destroyed.

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

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2.....
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[6]

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

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.....[2]

(d) Some data can be partially anonymised.

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

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.....[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.

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.....[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.....

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2.....

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[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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2.....

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[6]

END OF QUESTION PAPER



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