

Friday 12 January 2024 – Afternoon

Level 3 Cambridge Technical in IT

05838/05839/05840/05841/05842/05877 Unit 2: Global information

Time allowed: 1 hour 30 minutes

C382/2401



You must have:

- a clean copy of the Pre-release (inside this document)



Please write clearly in black ink. **Do not write in the barcodes.**

Centre number

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Candidate number

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First name(s)

Last name

Date of birth

D	D	M	M	Y	Y	Y	Y
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INSTRUCTIONS

- Use black ink.
- Write your answer to each question in the space provided. You can use extra paper if you need to, but you must clearly show your candidate number, the centre number and the question numbers.
- Use the Insert to answer the questions in Section A.
- Answer **all** the questions.

INFORMATION

- 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 has **12** pages.

ADVICE

- Read each question carefully before you start your answer.

Section A

Use the case study on **PHIR** in the **Insert** to answer the questions in this section.

1 The PHIR website includes a webpage where customers can complete an interactive form to request a quote.

(a) Identify the **information format** of this webpage.

Justify your choice.

Format

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Justification

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[3]

(b) The information collected by the interactive form can be classified as **primary** data.

Explain, using an example from the interactive form, why this information would be classified as **primary** data.

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[3]

2 When a container is packed, the barcode on each packing box is scanned. The warehouse staff use a **handheld device** to scan the barcodes.

(a) Identify **two** characteristics of **handheld devices** that make them suitable for this task.

1

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2

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[2]

(b) Describe **one** advantage and **one** disadvantage of using a **handheld device** for scanning the barcodes.

Advantage

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Disadvantage

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[4]

(c) Identify the **information style** that would be used to set the barcode to active on the customer record.

Justify your choice.

Style

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Justification

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[3]

3* PHIR send emails to customers when their packing boxes are despatched in a container.

Discuss the **benefits** and **limitations** to PHIR of using this communication method.

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..... [10]

4 When the containers are transported to the leaving port, documents are uploaded to a secure cloud location.

(i) Identify the **information format** that the secure cloud location would be included in.

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..... [1]

(ii) Explain **one** advantage to the PHIR representative at the destination port of using this **format**.

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..... [3]

(iii) Explain **one** disadvantage to PHIR of using this **format**.

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..... [3]

5 The security of the cloud location must be maintained.

(a) Identify and describe **two** security **risks** to the secure cloud location.

Risk 1

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Risk 2

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[6]

(b) Identify **two** impacts to PHIR if security on the secure cloud location was **breached**.

Impact 1

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Impact 2

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[2]

7 When the entry forms are received, the competitor details, including name, contact details and class are entered into a spreadsheet.

(a) Identify the **classification of information** the name and contact details for each competitor would be included in.

Justify your choice.

Classification

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Justification

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[4]

The competitor details should demonstrate the characteristics of **valid** and **reliable**.

(b) Describe, using an example from the competitor details, what **valid** and **reliable** mean.

Valid

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Reliable

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[6]

During the competition the spreadsheet is used to record the **times** for each competitor.

- (c) Identify and describe **one** advantage and **one** disadvantage of using a spreadsheet to record the **times** for each competitor.

Advantage

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Disadvantage

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[6]

(d)

- (i) Identify the **legislation** that applies to the competitor details stored in the spreadsheet.

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- (ii) Explain **one** consequence to the competition organisers if this **legislation** is broken.

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..... [3]

8 The data stored in the spreadsheet must demonstrate the information security principle of **integrity**.

(a) Describe what **integrity** means.

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..... [2]

(b) The spreadsheet is **password** protected.

Explain how a **password** would maintain the integrity of the data shown on the spreadsheet.

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..... [3]

(c) Identify the **information management** step that using a password on the spreadsheet would be included in.

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..... [1]

- 9 After the competition has completed, analysis is carried out on the **data** to identify the competitors in each class who completed each event in the fastest time.

Identify the **data analysis tool** that would be used to complete this analysis.

Justify your choice.

Data analysis tool

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Justification

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[4]

END OF QUESTION PAPER



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