

Thursday 15 May 2025 – Afternoon

Level 3 Cambridge Technical in IT

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

Time allowed: 1 hour 30 minutes

C382/2506

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. If you need extra space use the lined pages at the end of this booklet. The question numbers must be clearly shown.
- 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 **16** pages.

ADVICE

- Read each question carefully before you start your answer.

Section A

Use the case study on **PHPS Parcel Courier Service** in the **Insert** to answer the questions in this section.

1 The PHPS website includes the video information style.

(a) Explain why PHPS used this information style to explain the registration process.

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..... [3]

(b) Describe **one** disadvantage to the customers of the website using the video information style to explain the registration process.

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..... [2]

As part of the registration process, payment details are entered.

(c) Explain why it is important that the payment details are encrypted in transit.

.....

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..... [2]

- 2 When a customer logs into the PHPS website their collection details are shown by default on an interactive webpage.

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

Format

.....

Justification

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.....

.....

[3]

The information collected by the delivery details form can be classified as primary data.

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

.....

.....

.....

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.....

.....

[3]

3 Couriers access their collection and delivery lists through a smartphone.

(a) Identify the type of storage device the **smartphone** would be included in.

.....
..... [1]

(b) Describe **two** advantages to the **couriers** of using the smartphone when collecting and delivering parcels.

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

PHPS stores customer details. They must comply with the Data Protection Act (DPA).

4* Discuss the actions that PHPS must take to comply with the DPA.

..... [10]

5 A disaster recovery policy is being introduced by PHPS.

(a) Explain why PHPS should introduce a **disaster recovery policy**.

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..... [3]

(b) Identify **two other** protection measure policies that PHPS could introduce.

1

.....

2

..... [2]

6 Customers can track their parcels using the tracking number.

(a) Explain why the tracking number should demonstrate the characteristic of **validity**.

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..... [3]

(b) Identify the **data analysis tool** that the tracking details would be included in.

Justify your choice.

Data analysis tool

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Justification

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..... [4]

Section B

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

A national retailer sells pet food, treats and accessories such as dog water bowls. The retailer has a physical presence but also sells through their website.

7

- (a) Identify the category of information holder the retailer would be included in.

.....
..... [1]

The website includes photographs of each stock item.

- (b) Describe **one action** that the **retailer** needs to take to ensure compliance with the Copyright, Designs and Patents Act.

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

The retailer stores and uses data and information about customers and stock.

Some of the information can be included in the non-sensitive information classification type.

- (c) Explain, using an example, what the **non-sensitive** information classification type means.

.....
.....
.....
.....
.....
..... [3]

(d) Identify **two** stakeholders of the non-sensitive information stored by the retailer.

- 1
-
- 2
-
- [2]

The retailer partially anonymises some of the stored customer data.

(e) Explain what **partially anonymised** means.

-
-
-
- [2]

(f) Partially anonymise the customer data 997 234 0019

- [1]

(g) Identify **two other** information classification types.

- 1
-
- 2
-
- [2]

8 The retailer uses the stored stock data to analyse sales each year.

(a) Explain how the retailer can use **charts and graphs** when analysing the yearly sales.

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..... [2]

The stock data has been intentionally destroyed.

(b) Identify and describe **two** methods which could have been used to intentionally destroy the stock data.

Method 1

Description

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Method 2

Description

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[6]

- 9 The retailer has some employees that work remotely. The employees communicate internally using a secure online area.

The secure online area can be accessed using the internet.

- (a) Describe what **internet** means.

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..... [3]

- (b) Identify **one** information access device that the employees could use to access the secure online area.

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..... [1]

- (c) Identify **two** ways the **employees** could use the secure online area to communicate.

1

.....

2

.....

[2]

(d)* Discuss the benefits and limitations of the employees using a secure online area to communicate internally.

..... [10]

The retailer is updating their stock control system. As part of this process a Level 1 Data Flow Diagram (L1 DFD) will be created.

- 10** Complete the table below to show if components of a L1 DFD can be linked.

Use a tick to show an acceptable link and a cross to show an unacceptable link.

Data Flow links	Data Store	External Entity	Process
Data Store			
External Entity			
Process			

[3]

END OF QUESTION PAPER

This image shows a blank sheet of white paper designed for writing. It features a series of evenly spaced horizontal blue lines across its entire width. A single vertical blue line runs down the left side of the page, creating a narrow margin. The paper is otherwise completely empty, with no text or other markings.

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