



Oxford Cambridge and RSA

Friday 19 May 2023 – Afternoon

Level 3 Cambridge Technical in IT

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

Time allowed: 1 hour 30 minutes

C382/2306



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 **12** pages.

ADVICE

- Read each question carefully before you start your answer.

Section A

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

1 Details of the passengers are stored in the booking database below.

Passengers ×											
Passenger ID	First Name	Family Name	Passport	Issuing Country	Departing Port	Arriving Port	E-Ticket	Address 1	PostCode	Country	
2	Kofi	Azmi	6740295	Greece	Rhodes	Aegina	<input type="checkbox"/>	45 Athena Street		Greece	
3	Beth	Riley	253790	UK	Rhodes	Mykonos	<input checked="" type="checkbox"/>				
4	Tom	Riley	978452	UK	Rhodes	Mykonos	<input checked="" type="checkbox"/>				
5	Shanti	Zayn	87695935	USA	Rhodes	Santorini	<input type="checkbox"/>	2781 Main Street	NJ5625	USA	

(a) Identify the **category of information holder** the issuing country of the passports would be included in.

..... [1]

(b) Identify the **information style** that has been applied to the Passport field.

..... [1]

(c) Complete the table below to show **two other** information styles used in the booking database and the fields they are used on.

Information style	Field

[4]

2 Each morning, exchange rates are taken from the European Central Bank’s (ECB) website.

Identify the **information source** these exchange rates would be included in.

Justify your choice.

Information source

Justification

.....

[4]

3 Each morning the administration staff email a **passenger list** to each port.

Identify **one** characteristic of information that should be demonstrated by the **passenger list**.

Justify your choice.

Characteristic

Justification

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

[3]

4 The booking database holds details of the journeys booked by passengers.

(a) Explain how the booking database could be used by PHIH for **decision making**.

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

[3]

- (c) To **conform** to the requirements of the UN Convention on the Rights of Persons with Disabilities (UNCRPD) users of the PHIH website can activate screen readers.
Identify and describe **two other** methods that can be used on the website to **conform** with the UNCRPD.

Method 1

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Method 2

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[6]

Section B

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

ETVS carries out online surveys about people’s entertainment viewing habits on behalf of its clients. The surveys focus on streaming services and pay-to-view programmes, as well as those available through free services.

6 The employees create the surveys by accessing the company intranet.

(a) Identify **two** characteristics of an intranet.

1

.....

2

.....

[2]

(b) Based on the target audience for each survey, ETVS uses the ‘identify potential sources’ **stage of data analysis**.

(i) Explain what happens during this **stage of data analysis**.

.....

.....

.....

.....

.....

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

(ii) Identify and describe the **next** data analysis stage.

Stage

.....

Description

.....

.....

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

(iii) Identify **one other** data analysis stage.

.....

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

- (c) The target audience complete and submit the surveys online using an **extranet**. Identify and describe **one** characteristic of an **extranet**.

Characteristic

.....

Description

.....

.....

..... [3]

7 The submitted results of the surveys are stored as data and information.

- (a) **Qualitative data** is collected during the surveys.

Using an example related to the surveys, explain the purpose of **qualitative data**.

.....

.....

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..... [3]

- (b) Using an example related to the surveys, describe the **difference** between data and information.

.....

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..... [3]

(c) Some of the stored data can be partially or completely anonymised.

Describe **one difference** between partially and completely anonymised data.

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

(d) The survey results are stored securely, conforming to the **information security** principles of confidentiality and availability.

Using an example related to ETVS, explain what is meant by the **information security** principle of availability.

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

9 ETVS has received a Freedom of Information (Fol) request.

(a) Explain the **purpose** of the Freedom of Information (Fol) Act.

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

(b) Explain why ETVS does **not** have to respond to the Fol request.

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

END OF QUESTION PAPER

ADDITIONAL ANSWER SPACE

If additional answer space is required, you should use the following lined page. The question numbers must be clearly shown in the margins – for example, 4(b) or 8.

Lined area for writing answers, consisting of horizontal dotted lines.



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