OCR
Oxford Cambridge and RSA

Level 3 Cambridge Technical in IT
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Unit 2: Global information

PRE-RELEASE

Wednesday 16 May 2018 – Afternoon

INFORMATION FOR LEARNERS
- You should make yourself familiar with the pre-release material before you take the examination.
- You must **not** take notes into the examination.
- **A clean copy of this pre-release material will be given to you with the question paper.**
- You must **not** take this copy of the pre-release material into the examination.
- This document consists of **4** pages. Any blank pages are indicated.

Organisational Profile

Introduction

Progress LakeSailing is a sailing Club based on the shores of Lake Windermere in The Lake District. The Club runs an annual regatta where competitors compete for trophies. The regatta attracts competitors from all over the North of England. Permission has to be granted by The Lake District National Park (LDNP) for the regatta to take place each year as LDNP controls what happens on and around the lake.

There are many different classes in the regatta, each with different rules and regulations. A maximum number of competitors can enter each class.

The Club is able to arrange berths for the boats and, if needed, accommodation for the competitors. There are a limited number of available berths on Lake Windermere, some of which have length restrictions. Some berths are positioned in very shallow water.

Progress LakeSailing can also hire boats to competitors. Boats can be hired to competitors if:
- they are unable to transport their own boat;
- they do not own a boat of their own.

There are, however, a limited number of boats to hire in each class.

Regatta Administration

The regatta is advertised in specialist sailing magazines and also on the Club's website. Entry forms are available to download from the website. The completed entry forms can be returned to the Club by email or post. No entries are accepted by phone.

As each entry is received by the Club, it is dated. Entry forms which are received by email are printed and then dated. On the day after the closing date for entries, the entry forms are sorted into classes and then put into date order, starting with the earliest date.

Those competitors whose entry has been successful, based on maximum numbers in each class, are informed and asked to confirm their entry. Any entrants who have been unsuccessful are informed and put on a waiting list.

Once entries have been confirmed then hire boats and berths are allocated.

Entry and Regatta Records

The regatta has a maximum of 300 competitors with some competitors competing in more than one class.

The competitor entries are initially kept on paper which can cause errors as updates may not be recorded. As each competitor confirms their entry the data is input into a single table database which has no security. This is then used to print out details of the competitors in each class.

The entry database records data on:
- competitor details such as competition number, name and contact details;
- details of boats including length and name;
- berth locations, length and water depth;
- class(es) entered.

These details are then manually input into a spreadsheet which is used during the regatta.

During the regatta, the timing office is located in a hut on the shores of Lake Windermere by the finish line. A laptop is used to access and use the spreadsheet. As each competitor finishes the race their time is recorded on the spreadsheet. When the class has been completed the results are then uploaded to *Progress LakeSailing's* website along with a photograph of the winning crew and boat.

The timing office uses a dongle provided by a phone company to access the internet.
Neither the entry database nor the regatta results spreadsheet are backed up. After each regatta, the database and spreadsheet are deleted with no copies held.

To prepare for the examination, you should research the following themes:

- How different types of information storage media and information styles could be used by *Progress LakeSailing*, including the advantages and disadvantages of each type.
- The logical and physical security methods which could be introduced and used by *Progress LakeSailing*.
- Differing types of internet connections which could be used by *Progress LakeSailing* during the regatta and how these could be affected by the location of the regatta.
- Legal requirements, including Green IT, and how *Progress LakeSailing* can comply with these.

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