

## Level 3 Cambridge Technical in IT 05838/05839/05840/05841/05842/05877

### Unit 2: Global information

**Wednesday 17 May 2017 – Afternoon**  
**Time allowed: 1 hour 30 minutes**

**You must have:**

- 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.
- If additional answer space is required, you should use the lined page(s) at the end of this booklet. The question number(s) must be clearly shown.

#### 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 **16** pages.

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Question No	Mark
1	/5
2	/4
3	/10
4	/5
5	/10
6	/8
7	/24
8	/14
<b>Total</b>	<b>/80</b>

Answer **all** the questions.

**Section A**

**This section relates to the case study on Progress BikeSafe.**

1 The learner records database includes different information styles.

(a) (i) Identify the information style of the EngineSizecc field in the learner progress database table, see (Fig.1).

..... [1]

(ii) Explain why this information style has been used.

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

(b) Identify **one** field in the learner progress database table which is the Boolean information type.

..... [1]

2 Progress BikeSafe is concerned about the security of the data held on the learner records database.

Explain how tiered levels of access can be used to maintain the security of the database.

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





4 The learner records database is backed up to a CD at the end of every working day.

Identify **one** other portable storage device which could be used. Justify your choice.

Device .....

.....

Justification .....

.....

.....

.....

.....

.....

.....

**[5]**









**Section B**

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

**7** An on-line clothing retailer is carrying out market research. Qualitative data can be collected during market research.

**(a) (i)** Using an example, describe what is meant by qualitative data.

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

**(ii)** Identify **two** items of non-sensitive data which could be collected during the market research.

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











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