Revision Sheet

IGCSE Computer Science · Unit 9 Databases

6 vocabulary items · 23 marks of exam questions (4 questions)

Part 1 · Vocabulary review answer key. Section A wants the exact English spelling.

Question	Answer	Marks
1	database	1
2	single-table database	1
3	field	1
4	primary key	1
5	structured query language	1
6	query	1

7(a)(i)	EquipmentID
7(a)(i)	**One** mark per point, **max 1** • Unique field • No repeating data
7(b)	**One** mark per point: • `SELECT Description, Name` • `FROM EquipmentLoan` • `WHERE Returned = "No";`

8(a)	**Two** marks for all four fields correctly identified **One** mark for two or three fields correctly identified

Data type	Field
Boolean	Subway
integer	Population // Founded // Identification
real	AverageIncome
text	Name // Country // Continent // Identification

8(b)	**One** mark per mark point MP1 All correct fields in `SELECT` MP2 Correct use of key word `FROM` MP3 Correct field in `WHERE`: `Continent` MP4 Correct criterion in `WHERE`: `"Asia"` // `'Asia'` **Correct code:**

```
SELECT Name, Country, Population
FROM CapitalCity
WHERE Continent = "Asia"; // 'Asia';
```


9	**One** mark for each correct term Database tables consist of **rows/columns/fields/records** and **columns/rows/fields/records** Rows are **records**. **columns** are fields. Structured Query Language (SQL) **scripts** are used to query data. A **primary key** uniquely identifies a record.

10(a)	**One** mark for an appropriate reason if no has been stated, for example: None of the fields are likely to contain unique data.

10(b)	**One** mark for each correct answer
	
	`SUM`
	`NumberInStock`
	`SoftDrinks`
	`Container`
	`'Can'`
	
	Correct code:
	
	`SELECT SUM (NumberInStock)`
	`FROM SoftDrinks`
	`WHERE Container = 'Can';`