

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 <ul style="list-style-type: none"> Unique field No repeating data
7(b)	One mark per point: <ul style="list-style-type: none"> <code>SELECT Description, Name</code> <code>FROM EquipmentLoan</code> <code>WHERE Returned = "No";</code>

8(a)	Two marks for all four fields correctly identified One mark for two or three fields correctly identified <table border="1"> <thead> <tr> <th>Data type</th><th>Field</th></tr> </thead> <tbody> <tr> <td>Boolean</td><td>Subway</td></tr> <tr> <td>integer</td><td>Population // Founded // Identification</td></tr> <tr> <td>real</td><td>AverageIncome</td></tr> <tr> <td>text</td><td>Name // Country // Continent // Identification</td></tr> </tbody> </table>	Data type	Field	Boolean	Subway	integer	Population // Founded // Identification	real	AverageIncome	text	Name // Country // Continent // Identification
Data type	Field										
Boolean	Subway										
integer	Population // Founded // Identification										
real	AverageIncome										
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8(b)	One mark per mark point MP1 All correct fields in <code>SELECT</code> MP2 Correct use of key word <code>FROM</code> MP3 Correct field in <code>WHERE</code> : <code>Continent</code> MP4 Correct criterion in <code>WHERE</code> : <code>"Asia"</code> // <code>'Asia'</code> Correct code: <code>SELECT Name, Country, Population</code> <code>FROM CapitalCity</code> <code>WHERE Continent = "Asia"; // 'Asia';</code>										

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.
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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: <pre>SELECT SUM (NumberInStock) FROM SoftDrinks WHERE Container = 'Can';</pre>