

March 2024 (22)

9(a)(i)	StorageID
9(a)(ii)	It is a unique identifier

9(b) **One** mark for every **two** correct data types

Field	Data type
SizeMetres	Real/Integer
Position	Char/Integer/Text/Alphanumeric
Hoist	Boolean/Text/Alphanumeric
StorageID	Text/Alphanumeric

9(c) **One** mark if two correct **or two** marks if completely correct
`SELECT StorageID, PriceMonth, SizeMetres`

One mark each point max **two**
`FROM StorageUnits`
`WHERE Hoist = TRUE;`

June 2024 (21)

9(a)	One mark for an appropriate reason if no has been stated, for example: None of the fields are likely to contain unique data.
9(b)	One mark for each correct answer SUM NumberInStock SoftDrinks Container 'Can' Correct code: <code>SELECT SUM (NumberInStock)</code> <code>FROM SoftDrinks</code> <code>WHERE Container = 'Can';</code>

June 2024 (22)

10(a)	ContractNumber										
10(b)	One mark for every two correct data types <table border="1"> <thead> <tr> <th>Field</th><th>Data type</th></tr> </thead> <tbody> <tr> <td>ContractNumber</td><td>text/alphanumeric</td></tr> <tr> <td>Months</td><td>integer</td></tr> <tr> <td>EndDate</td><td>date/time</td></tr> <tr> <td>Sport</td><td>Boolean</td></tr> </tbody> </table>	Field	Data type	ContractNumber	text/alphanumeric	Months	integer	EndDate	date/time	Sport	Boolean
Field	Data type										
ContractNumber	text/alphanumeric										
Months	integer										
EndDate	date/time										
Sport	Boolean										
10(c)	One mark for each point MP1 to find the total number of months for all contracts MP2 to find the number of contracts MP3 ... that are subscribed to <i>News</i>										
10(d)	ContractNumber News AND Sport // Sport AND News Example answer: <pre>SELECT ContractNumber FROM Contract WHERE News // News = TRUE AND Sport // Sport = TRUE ;</pre>										

June 2024 (23)

8(a)	Fields – 6 Records – 11
8(b)	MP1 Correct models of planes selected MP2 Correct Years of planes selected MP3 Correct numbers of engines selected with data all matching for each record MP4 Data sorted correctly with no additional fields or punctuation Correct output: <pre>314 Clipper 1936 4 C-47 Dakota 1942 2 Nimrod 1966 4 DC-10 1970 3 Concorde 1973 4</pre>

8(c)	MP1	Correct additional keywords used – FROM, WHERE
	MP2	Correct SELECT field – Model with no additional fields
	MP3	Correct table name - Hangar1
	MP4	Correct search criteria - Airworthy = Y // Airworthy
Correct code:		
<pre>SELECT ID, Model FROM Hangar1 WHERE Airworthy = Y; // Airworthy;</pre>		

8(d) SELECT Model

FROM Hangar1

WHERE Year = 1942

ORDER BY Model Desc;

8(e) SELECT SUM(Engines)

FROM Hangar1

WHERE Year = 1942;

November 2024 (21)

10(a)	19
10(b)(i)	ChNo
10(b)(ii)	Unique identifier
10(c)	One mark for each - CH04 0.0 - CH05 50.0
10(d)(i)	One mark each correct line <pre>SELECT Name FROM CheeseStock WHERE NOT InStock // InStock = No / "No" / False // WHERE WeightKg = 0.0;</pre>
10(d)(ii)	One mark for each point - WHERE clause can check either the InStock field for FALSE / No / "No" or - the WeightKg field for 0.0

10(e) SELECT COUNT(InStock)

FROM CheeseStock

WHERE SupplierCode = "IMP";

10(f) SELECT *

FROM CheeseStock

WHERE WeightKg < 3 AND WeightKg > 0;

November 2024 (22)

11(a) **One** mark per mark point

- Fields – 11
- Records – 15

11(b) The `Type` field contains data that repeats / Data is not unique

11(c) **Two** marks for **four** correct fields
One mark for **two** or **three** correct fields

Field	Data type
RoomNo // Type	alphanumeric
Mon // Tue // Wed // Thu // Fri // Sat // Sun	Boolean
Rate\$	real
Guests	integer

11(d) **One** mark per mark point

- Data from 4 correct columns printed – any number of rows, any order
- Data in rows ordered as shown (row and column) at least two rows and two columns required
- All data correct with **no** extra content

Correct output

```
104S Single 1 72.50
105S Single 1 72.50
201F Family 4 160.00
301D Double 2 200.00
304P Suite 6 700.00
```

November 2024 (23)

11(a)	One mark for each line (max two) One mark for order of lines MT12 Pebbles large MT06 Cobbles
11(b)(i)	One mark for correct SELECT and FROM clauses, one mark for correct WHERE clause <pre>SELECT Name FROM BuildStock WHERE NOT InStock // InStock = FALSE / No / "No" // WHERE NumberBags = 0;</pre>
11(b)(ii)	Two marks for either point - WHERE clause can check the InStock field (1) for FALSE / No (1) - or - WHERE clause can check the NumberBags field (1) for 0 (1)

June 2025 (22)

9(a)	Two marks for all four fields correctly identified One mark for two or three fields correctly identified <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Data type</th><th style="text-align: center;">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										
text	Name // Country // Continent // Identification										
9(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: <pre>SELECT Name, Country, Population FROM CapitalCity WHERE Continent = "Asia"; // 'Asia';</pre>										

Additional Questions

1. a)

- Any **two** of the following:
- length check [1 mark]
- type check [1 mark]
- presence check [1 mark]
- format check [1 mark]

2. a)

The most appropriate field for a format check is:

Email [1 mark]

To ensure it contains an '@' symbol [1 mark]

b)

The most appropriate field for a type check is:

StudentID [1 mark]

To ensure that user does not enter text or symbols (only integers allowed) [1 mark]