9 Databases
ANSWERS

Question	Answer	Marks
9(a)	**One** mark for each appropriate field name **and** correct data type CatNo text/alphanumeric Description text/alphanumeric StockLevel integer Price real Painted Boolean	5
9(b)(i)	CatNo	1
9(b)(ii)	Unique identifier	1
9(c)	SELECT lists the fields to be displayed FROM identifies the table WHERE identifies the search criteria	3

Question	Answer	Marks
10(a)	18	1
10(b)	**One** mark for the correct field name **One** mark for the correct reason **For example:** Code ... ...Each entry in this field is a unique identifier	2
10(c)	**Two** marks for four correct answers. **One** mark for two or three correct answers. <table><tr><th>Field</th><th>Data type</th></tr><tr><td>Breed</td><td>text</td></tr><tr><td>Gender</td><td>Boolean</td></tr><tr><td>Age</td><td>integer</td></tr><tr><td>Arrived</td><td>date/time</td></tr></table>	2
10(d)	**One** mark for each correct answer SELECT Horses BreedOrigin **Correct SQL:** SELECT Code, Breed FROM Horses WHERE BreedOrigin = "Scotland";	3

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Question	Answer	Marks
9(a)	Records: 14 Fields: 5	**2**
9(b)(i)	Species/Description	**1**
9(b)(ii)	Long names that could be easily misspelt // species or description could be duplicated	**1**
9(b)(iii)	Easy to validate // always unique	**1**
9(c)	**One** mark for each correct row **or** column True silver white laced top half and black lower half Brown eared brown with ear tufts	**2**

9(d)	**One** mark for each correct addition
	`SELECT Species`
	`FROM PheasantList`
	`WHERE Breeding` **or** `WHERE Young = 0`
	`AND Young = 0;` `AND Breeding;`
		4

Question	Answer	Marks
10(a)	**One** mark for the correct field name **One** mark for the correct reason **For example:** `TVCode` Each entry in this field is a unique identifier	**2**

Question	Answer	Marks
10(b)	**Two** marks for four correct answers. **One** mark for two or three correct answers. <table><tr><th>Field</th><th>Data type</th></tr><tr><td>TVCode</td><td>Text</td></tr><tr><td>ScreenSize</td><td>Integer</td></tr><tr><td>SmartTV</td><td>Boolean</td></tr><tr><td>Price$</td><td>Real</td></tr></table>	**2**

10(c)	**One** mark for each correct answer
	
	`ScreenSize`
	`Price$`
	`FROM`
	`YES`
	
	Correct code:
	
	`SELECT TVCode, ScreenSize, Price$`
	`FROM TVRange`
	`WHERE SmartTV = YES;`
		4

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Question	Answer	Marks
10(a)	`SongNumber`	**1**
10(b)	**One** mark for every **two** correct data types <table><tr><th>Field</th><th>Data Type</th></tr><tr><td>SongNumber</td><td>Text/Alphanumeric</td></tr><tr><td>Title</td><td>Text/Alphanumeric</td></tr><tr><td>Recorded</td><td>Date/time</td></tr><tr><td>Minutes</td><td>Real</td></tr></table>	**2**
10(c)	**One** mark for each point • to find the total number of minutes of music • to find the total number of songs • available for the genre rock	**3**

Question	Answer	Marks
10(a)	**One** mark for each correct answer Fields 5 Records 12	**2**
10(b)	to **uniquely identify** a record	**1**

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Question	Answer	Marks
10(c)	**Two** marks for four correct answers. **One** mark for two or three correct answers. | Field	Data type
---	---
Type	Alphanumeric
Private	Boolean
Rate$	Integer
NumberGuest	Integer		2

10(d)	**One** mark per mark point, max **three**
	• data correctly extracted in any two rows
	• data correctly extracted in third row
	• data in correct order horizontally and vertically
	
	Example answer:
	
	`Bay Lodge 10 1000`
	`Coppice Lodge 12 1200`
	`West Lodge 12 1200`
		3

Question	Answer	Marks
9(a)	20	1
9(b)(i)	CatNo	1
9(b)(ii)	It is a unique identifier // no repeated values	1
9(c)	**Two marks** for 4 correct data types **or one mark** for 2 or 3 correct data types | Field	Data type
---	---
CatNo	Text/Alphanumeric
Title	Text/alphanumeric
Fiction	Boolean
Price	Real		2
9(d)	**One** mark for each correct row BK08 The Princesses' Story B Penn BK31 Networking for Beginners A Smith	2

9(e)	**One** mark if two correct **or two** marks if completely correct
	`Title`
	`BookList`
	`Author = "B Penn" // Author = 'B Penn' // Author Like "B Penn"`
		2