

16. Caledonian Wheels organises a motorsport racing championship. A database is used to store data on racing teams and their individual drivers. The data stored in the database is shown below.

Team			
teamID	teamName	titlesWon	location
RR32	Rapid Racers	7	Italy
SS21	Swift Streaks	3	United Kingdom
TT16	Turbo Titans	2	Germany
VR12	Velocity Vipers	4	Italy
ER54	Elite Racers	1	United Kingdom
PV81	Prime Speed	5	Spain

Driver					
driverNum	forename	surname	wins	points	teamID
1	Shannon	Kelly	5	125	ER54
3	Ezri	Wuzik	2	50	PV81
4	Jackie	Price	2	50	RR32
11	Kai	West	4	100	SS21
14	Charlie	Wilkinson	1	25	TT16
18	Moss	Gray	0	0	VR12
22	Kris	Hunt	1	25	SS21
31	Meenal	Ibrahim	3	75	VR12
55	Ollie	Graham	6	150	TT16
63	Gerry	Fox	0	0	PV81
77	Jackie	West	1	25	ER54
81	Akari	Ogawa	0	0	RR32



* X 8 1 6 7 5 0 1 2 2 *

16. (continued)

- (a) Caledonian Wheels want to share details about all the UK based drivers who have had a successful year so far.
- (i) Design a query to search the database for a driver's full name, driver number and team name who have won more than three races and drive for a United Kingdom based team.

4

Field(s)	
Table(s)	
Search Criteria	

- (ii) Describe how the SQL statement could be tested when the query is created.

1

- (b) The following SQL statement is implemented in the database.

```
SELECT teamID, teamName, titlesWon
FROM Team
WHERE (teamID = "PV81" OR location = "Italy") AND titlesWon >=5
```

Write the expected output from this SQL statement.

2



16. (continued)

- (c) Jackie West won her 2nd race of the season increasing her points to 50.

Write the SQL statement to update Jackie's details.

4

- (d) A new driver is to be added.

```
INSERT INTO Driver (driverNum, forename, surname, wins,
points, teamID)
```

```
VALUES (99, "Thomas", "Webb", 0, 0, "PC81")
```

When this SQL statement is run, an error message is displayed stating that the record cannot be added.

Explain why an error message is displayed.

1
