SQL practical questions

Question 1

* 1. SELECT clInfo.client\_id, clInfo.client\_name, CT.department

FROM ClientInfoTable AS clInfo

INNER JOIN CompanyTable AS CT

ON clInfo.client\_id = CT.client\_id;

* 1. Full Join

1.3.1) SELECT employee\_name, manager\_id

FROM table;

1.3.2) Pieter

Question 2

2.1) SELECT sum(S)

FROM Numbers

WHERE S > 0

UNION ALL

SELECT sum(S)

FROM Numbers

WHERE S < 0;

Question 3

3.1) SELECT TOP 1 \* FROM

(

SELECT TOP 3 \* FROM Employees ORDER BY Age

)

ORDER BY Age DESC;

Question 4

4.1) CREATE TABLE Table1

(

Model\_id int NOT NULL,

Make VARCHAR(255) NOT NULL,

Model VARCHAR(255) NOT NULL,

Manufacture\_date Date/Time NOT NULL,

Cost DECIMAL(18,2) NOT NULL,

PRIMARY KEY Model\_id

);

CREATE TABLE Table2

(

Manufacturer VARCHAR(255) NOT NULL,

Parts VARCHAR(255),

Warranty\_expiry\_date Date/Time,

City VARCHAR(255) NOT NULL,

Model\_id int NOT NULL,

FOREIGN KEY Model\_id

REFERENCES Table1(Model\_id)

);

INSERT INTO Table1 (Model\_id, Make, Model, Manufacture\_date, Cost)

VALUES (1564, MK6, Fiesta, 01/04/2002, 48000.00);

INSERT INTO Table2 (Manufacturer, Parts, Warranty\_expiry\_date, City, Model\_id)

VALUES (Ford, Alternator, 30/04/2004, Johannesburg, 1564);

Question 5

5.1) INSERT INTO temporary\_table

SELECT Table1.Make, Table1.Model, Table1.Cost, Table1.Manufacture\_Date, Table2.Parts, Table2.Warranty\_expiry\_date

FROM Table1

INNER JOIN Table1 ON Table1.Model\_id = Table2.Model\_id

5.2) Create another table with a different name or change the name of the table that already exists.