Q1

SELECT S1.NAME

FROM CARDIFFDISTRICTS S1, CARDIFFDISTRICTS S2

WHERE S2.NAME= 'CAERDYDD - CARDIFF'

AND

SDO\_TOUCH(S1.GEOMETRY,S2.GEOMETRY)='TRUE';

Q2

SELECT DISTINCT CD.NAME

FROM CARDIFFDISTRICTS CD, CARDIFFCOASTLINE CC

WHERE SDO\_TOUCH(CD.GEOMETRY,CC.GEOMETRY)='TRUE';

Q3

SELECT MIN(SDO\_GEOM.SDO\_DISTANCE(S1.GEOMETRY, S2.GEOMETRY,0.005)) AS DISTANCE

FROM CARDIFFMOTORWAY S1, CARDIFFCOASTLINE S2;

Q4

SELECT COUNT(DISTINCT CS.NAME0)

FROM CARDIFFSETTLEMENTS CS, CARDIFFMOTORWAY CM

WHERE SDO\_GEOM.SDO\_DISTANCE(CS.GEOMETRY, CM.GEOMETRY,0.005)<=1000;

Q5

SELECT SUM(SDO\_GEOM.SDO\_LENGTH(SDO\_GEOM.SDO\_INTERSECTION(S1.GEOMETRY,

S2.GEOMETRY,0.005),0.005)) AS TOTAL\_LENGTH

FROM CARDIFFDISTRICTS S1, CARDIFFRAILLINES S2

WHERE S1.NAME = 'CAERDYDD - CARDIFF' OR S1.NAME = 'CAERFFILI – CAERPHILLY';