第二章 基礎查詢

2.6.1 選擇題

1. C
2. A
3. B
4. B
5. D
6. A

2.6.2 實作題

1. SELECT CountryCode, Name, Population
   FROM   city
   WHERE Population > 5000000
2. SELECT Continent, Code, Name, Population
   FROM   country
   WHERE Continent = 'Asia' OR
          Continent = 'Europe' OR
          Continent = 'Africa'
3. SELECT Code, Name, Population
   FROM   country
   WHERE   Region = 'Middle East'
   ORDER BY Population

第三章 運算式與函式

3.4.1 選擇題

1. D
2. A
3. C
4. A
5. B
6. D

3.4.2 實作題

```
1. SELECT empno, ename, hiredate, DAYNAME(hiredate) day
   FROM   cmdev.emp
2. SELECT ename, job, salary,
        CASE job
          WHEN 'PRESIDENT' THEN salary * 2
          WHEN 'MANAGER' THEN salary * 1.5
          WHEN 'ANALYST' THEN salary * 1
          ELSE 0
        END bonus
   FROM   cmdev.emp
3. SELECT  job, SUM(salary) Sum, AVG(salary) Average,
          MAX(salary) Maximum, MIN(salary) Minimum
   FROM     cmdev.emp
   GROUP BY job
```

第四章 結合與合併查詢

4.5.1 選擇題

1. D
2. A
3. C
4. D
5. D
6. B

4.5.2 實作題

1. SELECT empno, ename, job, e.deptno, dname
   FROM   cmdev.emp e, cmdev.dept d
   WHERE   e.deptno = d.deptno
2. SELECT empno, ename, job, e.deptno, dname
   FROM   cmdev.emp e LEFT OUTER JOIN cmdev.dept d USING(deptno)
3. SELECT 'Minimum' AS 'Asia', MIN(Population) Population
   FROM   country
   WHERE   Continent = 'Asia'
   UNION
   SELECT 'Maximum', MAX(Population) Population
   FROM   country
   WHERE   Continent = 'Asia'

第五章 資料維護

5.5.1 選擇題

1. C
2. D
3. A
4. A
5. D
6. B

5.5.2 實作題

2. DESC cmdev.myemp
3. INSERT INTO cmdev.myemp VALUES (1, 'Betty', 'Johnson', 1200, '1968-01-06')
   INSERT INTO cmdev.myemp VALUES (2, 'Sam', 'Johnson', 900, '1972-09-12')
   INSERT INTO cmdev.myemp VALUES (3, 'Rose', 'Johnson', 1100, '1971-11-6')