

Ch2

1. C

2. A

3. B

4. B

5. D

6. A

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
```

Ch3

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

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
```

Ch4

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

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'
```

Ch5

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

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')