**Q1**

(For Db2)

select monthname(sysdate+1) ||' '|| day(sysdate+1) ||'th of year ' || year(sysdate+1) as "Tomorrow" from dual

(For Oracle)

SELECT TO\_CHAR (SYSDATE+1,'fmMonth')||TO\_CHAR(SYSDATE+1, ' fmddTH')||' of year '||TO\_CHAR(SYSDATE+1, 'YYYY') "Tomorow" FROM dual

**Q2**

(For Db2)

CREATE VARIABLE tomorrow DATE

SET tomorrow = sysdate+1

SELECT sysdate as “Today”, tomorrow as “Next Day” from staff fetch first 1 rows only

(For Oracle)

define tomorrow = sysdate + 1;

select sysdate as “Today”, tomorrow as “Next Day” from dual;

undefine tomorrow;

**Q3**

select product\_id, product\_name, list\_price, cast(round((list\_price/100)\*2 + list\_price) as integer) as "New Price", cast(((round(list\_price/100)\*2 + list\_price) - list\_price) as decimal(10,2)) as "Price Difference" from products where category\_id in (2,3,5) order by category\_id, product\_id

**Q4**

select last\_name ||', '|| first\_name ||' is a '||job\_title as "Employee Information" from employees where manager\_id = 2 order by employee\_id

**Q5**

select last\_name, hire\_date, cast(round(years\_between(sysdate, hire\_date)) as integer) as "Years Worked" from employees where hire\_date < '10/01/2016' order by 2

**Q6**

select last\_name, hire\_date, dayname(hire\_date+1 year+(mod((7-dayofweek(hire\_date + 1 year)+3),7))) || ‘ , ‘ || monthname(hire\_date+1 year+(mod((7-dayofweek(hire\_date + 1 year)+3),7))) || ‘ the ‘ || day(hire\_date+1 year+(mod((7-dayofweek(hire\_date + 1 year)+3),7))) || ‘ of year ‘ || year(hire\_date+1 year+(mod((7-dayofweek(hire\_date + 1 year)+3),7))) as "Review Date" from employees where hire\_date > '01/01/2016' order by 2 fetch first 10 rows only

NOTE: Db2 does not support ddspth without Oracle Application Compatibility Layer on

**Q7**

select warehouse\_id, warehouse\_name, city, nvl(state, 'unknown') from warehouses, locations where warehouses.location\_id = locations.location\_id order by warehouse\_id