**A:05**

1. List the first name, last name and phone number for all students that registered on 2/23/2007. Arrange the list in order of last name and first name.

**SELECT first\_name, last\_name, phone**

**FROM student**

**WHERE registration\_date = '23-FEB-07'**

**ORDER BY last\_name, first\_name;**

1. List course number, section ID and start date for all sections located in L214. Arrange by start date.

**SELECT course\_no, section\_id, start\_date\_time**

**FROM section**

**WHERE location = 'L214'**

**ORDER BY start\_date\_time;**

1. List the course number, section ID, start date and instructor ID for all courses with a start date in April 2007. Arrange the list by course number and section number.

**SELECT course\_no, section\_id, start\_date\_time, instructor\_id**

**FROM section**

**WHERE start\_date\_time BETWEEN '01-APR-07' AND '01-MAY-07'**

**ORDER BY course\_no, section\_no;**

1. List Student ID, Section ID and final grade for all students with a final grade that enrolled in January 2007.

**SELECT student\_id, section\_id, final\_grade**

**FROM enrollment**

**WHERE enroll\_date BETWEEN '01-JAN-07' AND '01-FEB-07'**

**AND final\_grade IS NOT NULL;**

1. Create a query using the Oracle Dual Table (pg 137) that returns the date of the end of the semester for courses that begin on January 3, 2011. The semester is 105 days long.

**SELECT TO\_CHAR(TO\_DATE('03-JAN-2011', 'DD-MON-YYYY'))**

**AS "Semester Start Date",**

**TO\_CHAR(TO\_DATE('03-JAN-2011', 'DD-MON-YYYY')+105, 'DD-MON-YYYY')**

**AS "Semester End Date"**

**FROM DUAL;**

1. Provide a list of course numbers and locations for sections being taught in the odd numbered rooms located in building M.

**SELECT course\_no, location**

**FROM section**

**WHERE location LIKE 'M%'**

**AND TO\_NUMBER(SUBSTR(location, 4)) / 2 != 0;**

1. Provide a list of Students in zip code 11214 that registered more than 2 days after their student record was created.

**SELECT student\_id, CREATED\_DATE, REGISTRATION\_DATE**

**FROM student**

**WHERE zip = '11214'**

**AND registration\_date > TO\_CHAR(created\_date+2);**

1. Create a list of student names and the number of years since they registered (2 decimal places)  
   Sort the list on the number of years from highest to lowest.

**SELECT first\_name||' '||last\_name AS "Student Name",**

**ROUND(MONTHS\_BETWEEN(SYSDATE, registration\_date) / 12, 2)**

**AS "Years Since Registration"**

**FROM student**

**ORDER BY 'Years Since Registration' DESC;**

1. Create a list of starting times for all course sections. Eliminate duplicates. Show only the time of day as "Start Time".

**SELECT UNIQUE(section\_id), LPAD(LTRIM(TO\_CHAR(start\_date\_time, 'HH24:MI'), '0'), 30)**

**AS "Start Time"**

**FROM SECTION**

**ORDER BY section\_id;**

1. List the Student ID and Section ID for all students who enrolled at 10:18am.

**SELECT student\_id, section\_id, LTRIM(TO\_CHAR(enroll\_date, 'HH24:MI'), '0') AS "Enrollment Time"**

**FROM enrollment**

**WHERE LTRIM(TO\_CHAR(enroll\_date, 'HH24:MI'), '0') = '10:18';**