Q1)

create table EMP\_1

(

EMP\_NUM char(3) not null,

EMP\_LNAME varchar2(15) not null,

EMP\_FNAME varchar2(15) not null,

EMP\_INITIAL char(1),

EMP\_HIREDATE date not null,

JOB\_CODE char(3) not null

);

Q2)

insert into EMP\_1

values ('101', 'News', 'John', 'G' '08-NOV-00', '502');

insert into EMP\_1

values ('102', 'Senior', 'David', 'H', '12-JUL-89', '501');

Q3)

update EMP\_1

set

JOB\_CODE = '502'

where EMP\_NUM = '107';

rollback;

Q4)

delete from EMP\_1

where EMP\_FNAME ='William' AND EMP\_LNAME='Smithfield' AND EMP\_HIREDATE='22-JUN-04' AND JOB\_CODE='500'

Q5)

create table EMP\_2

select \*

into EMP\_2

from EMP\_1;

alter table EMP\_2

add EMP\_PCT decimal(4, 2)

add PROJ\_NUM char(3)

Q6)

create table TEMP\_1

(

add EMP\_PCT decimal(4, 2)

add PROJ\_NUM char(3)

);

select EMP\_PCT, PROJ\_NUM

into TEMP\_1

from EMP\_2;

Q7)

drop table TEMP\_1;

Q8)

select EMP\_LNAME

from EMP\_2

where EMP\_LNAME = 'smith%';

Q9)

create table NEW\_TABLE

select PROJECT.PROJ\_NAME, PROJECT.PROJ\_VALUE, PROJECT.PROJ\_BALANCE, EMPLOYEE.EMP\_LNAME, EMPLOYEE.EMP\_FNAME, EMPLOYEE.EMP\_INITIAL, EMPLOYEE.JOB\_CODE

into NEW\_TABLE

from PROJECT

inner join EMPLOYEE

on PROJECT.EMP\_NUM=EMPLOYEE.EMP\_NUM;

select JOB.JOB\_DESCRIPTION, JOB.JOB\_CHG\_HOUR

from NEW\_TABLE

left join JOB

on EMPLOYEE.JOB\_CODE=JOB.JOB\_CODE;

Q10)

select AVG(EMP\_PCT) from EMP\_2;

Q11)

select \*

from EMP\_2

order by EMP\_PCT ASC;

Q12)

select distinct PROJ\_NUM from EMP\_2;

Q13)

select SUM(ASSIGN\_HOURS)

from ASSIGNMENT

group by EMP\_NUM;

select SUM(ASSIGN\_CHG)

from ASSIGNMENT

group by EMP\_NUM;

Q14)

select SUM(ASSIGN\_HOURS)

from ASSIGNMENT

group by PROJ\_NUM;

select SUM(ASSIGN\_CHG)

from ASSIGNMENT

group by PROJ\_NUM;