1. **List the Name and Designation code of the staff who have joined before Jan 2003 and whose salary range is between 12000 and 25000. Display the columns with user defined Column headers. Hint: Use As clause along with other operators**

SQL> select staff\_name as "Name", design\_code as "Designation" from staff\_master

where hiredate<'01-jan-2003' and staff\_sal between 12000 and 25000;

Name Designation

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Shyam 102

Mohan 102

Anil 102

1. **List the staff code, name, and department number of the staff who have experience of 18 or more years and sort them based on their experience.**

SQL> select staff\_code,staff\_name,dept\_code from staff\_master where (extract(year from sysdate)-extract(year from hiredate))>=18 order by (hiredate);

STAFF\_CODE STAFF\_NAME DEPT\_CODE

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100005 John 10

100004 Anil 20

100006 Allen 30

1. **Display the staff details who do not have manager. Hint: Use is null**

SQL> select \* from staff\_master where mgr\_code is null;

STAFF\_CODE STAFF\_NAME DESIGN\_CODE DEPT\_CODE STAFF\_DOB HIREDATE MGR\_CODE STAFF\_SAL STAFF\_ADDRESS

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1. **Display the Book details that were published during the period of 2001 to 2004. Also display book details with Book name having the character ‘&’ anywhere.**

SQL> select \* from book\_master where book\_name like '%+%';

BOOK\_CODE BOOK\_NAME BOOK\_PUB\_YEAR BOOK\_PUB\_AUTHOR

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10000001 Let Us C++ 2000 Yashavant Kanetkar

10000002 Mastersing VC++ 2005 P.J Allen

1. **List the names of the staff having ‘\_’ character in their name.**

SQL> select \* from staff\_master where staff\_name like '%\\_%' Escape '\';

STAFF\_CODE STAFF\_NAME DESIGN\_CODE DEPT\_CODE STAFF\_DOB HIREDATE MGR\_CODE STAFF\_SAL STAFF\_ADDRESS

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1000012 Soham\_Kasar 105 10 20-JAN-97 20-JUL-19 20000 Pune