

Slip No. 1.

1. Consider the following structure of employee.  
EMP(Emphno, Ename, Job, Mgr, Joindate, Salary, Comm, Deptno)  
Write SQL queries for the followings:  
 i) Display the list of employee excluding job title as 'Salesman'.  
 ii) Display the average salaries of each department.  
 iii) Change the name of employee 'Rahul Gosai' to 'Jigar Dave'.  
 iv) Display the employee details whose name starts with 'A'.  
 v) Display ~~anna~~ annual salary of all employees.
2. Explain the procedure for creating Views. With suitable Example.
3. Explain with suitable example IF - THEN - ELSE statement in PL/SQL.

Slip No. 02.

1. Consider the following table "book"  
BOOK (bookno, bookname, price, author, quantity-total, order-quantity)  
For the above table -  
 i) Find out total  $\neq$  sale value.  
 ii) Find out average sales for books which having price more than 200.  
 iii) Display bookno, price for only those which having author as 'Kanetkar'.  
 iv) Display bookno, bookname which having minimum order quantity 200.

2. Explain procedure for creating Sequence with example.
3. Write a PL/SQL program to print n odd numbers using FOR LOOP.

Slip No. 03.

1. Consider the following structure  
Student\_info (Student\_ID, sname, Course\_name, City)  
Course (c\_code, title, Hod)
  - i. Add two attributes to table student\_info as "Phone Number" and "Email Address".
  - ii. Rename Attribute Title to course\_name for table Course
2. Explain Primary Key Constraints with suitable example.
3. Explain procedure for creating Index with example

Slip No. 04

1. Explain Referential Integrity Constraint
2. Demonstrate use of '&' Operator by inserting 2 record in the table.
- 3. Explain procedure for creating Snapshot with example.

Slip No. 05

1. Create following two tables to demonstrate Primary Key-Foreign Key relation.
  - a. Author (A-id, Author-name, No-of-Books)
  - b. Book (Book-id, Book-name, A-id)



2. Explain ORDER BY clause of SQL with example.
3. Explain HAVING clause with example.

Slip No. 06

1. Explain IN and NOTIN operators with ~~ex~~ example.
2. Explain any two string functions with example.
3. Explain any four Arithmetic Functions with example.

Slip No. 07

1. List and explain any four ~~Arithmeti~~ Arithmetic Operators with example.
2. List and example the Set Operators in SQL with example.
3. What is the use of Between Clause? Explain with example.
4. Explain IN and NOTIN operators with example.