Class: 12	Subject: IP

1. Create an application to accept two strings - First Name and Last name from the user and display the message Welcome with the complete name of the user.

2. Create an application to accept the radius of a circle, calculate the area and circumference and display the results in a message box after rounding off the area and circumference to an integer number.

3.

Consider a database LOANS with the following table:

Table: Loan_Accounts

AccNo	Cust_Name	Loan_Amount	Instalments	Int_Rate	Start_Date	Interest
1	R.K. Gupta	300000	36	12.00	19-07-2009	
2	S.P. Sharma	500000	48	10.00	22-03-2008	
3	K.P. Jain	300000	36	NULL	08-03-2007	
4	M.P. Yadav	800000	60	10.00	06-12-2008	
5	S.P. Sinha	200000	36	12.50	03-01-2010	
6	P. Sharma	700000	60	12.50	05-06-2008	
7	K.S. Dhall	500000	48	NULL	05-03-2008	

Create Database and use it

1. Create the database LOANS.

2. Use the database LOANS.

Create Table / Insert Into

3. Create the table Loan_Accounts and insert tuples in it.

Simple Select

4. Display the details of all the loans.

5. Display the AccNo, Cust_Name, and Loan_Amount of all the loans.

Conditional Select using Where Clause

6. Display the details of all the loans with less than 40 instalments.

7. Display the AccNo and Loan_Amount of all the loans started before 01-04-2009.

8. Display the Int_Rate of all the loans started after 01-04-2009.

Q.4.

Study the following code and answer the questions that follow:

```
double Number, RoundedNumber;
Number=Double.parseDouble(jTextField1.getText());
RoundedNumber=Math.round(Number*1000)/1000.0;
jTextField2.setText(Double.toString(RoundedNumber));
```

a) How many variables have been declared in the above code? Identify and name them.

b) How many objects have been declared in the above code?

c) Name any one native class of Java used in the above code.

d) Identify and name a method of this native class.

Q5. Complete the Record note up to ex.no. 10.