

Subject: Database Management Systems Lab (CSL5401)

Branch (CSUG 5th Sem)

Time: - 45 minutes

Lab Test 2

Date: - 23.11.2021

Full Marks:10

Create a table **stdmain** with following columns, constraints and data:

Rollno Primary Key	Name	State	DOB	Branch
1701	Arvind	WB	15.01.1999	CSE
1702	John	MH	02.03.1990	EEE
1703	Mohan	UP	15.07.1991	ECE
1704	Ravi	MP	12.05.1994	CSE
1705	Karim	BR	10.03.1991	ECE
1706	Sita	UP	08.12.1990	EEE
1707	Pintu	BR	17.09.1992	CSE

Create a table **smarks** with following columns, constraints and data:

Rollno (foreign key)	Subjectname	Marks
1701	C++	75
1701	Oracle	84
1701	Java	95
1701	OS	62
1702	C++	46
1702	Oracle	70
1702	Java	55
1702	OS	56
1703	C++	82
1703	Oracle	84
1703	Java	74
1703	OS	92
1704	C++	43
1704	Oracle	49
1704	Java	68
1704	OS	35

Q.no.1 :-Write a PL/SQL cursor to view the only top three student records (Rollno, name, total_marks), those obtained highest total marks (using above tables). **Marks:03**

Q. no.2:- Write a PL/SQL program to display the rollno, Subjectname and marks of that student whose rollno and subjectname is enter by the user. Check if the marks of that student is less than 50 then add 5 marks maximum to existing marks. the marks should not be greater than 50 after adding the grace marks. (Ex. If marks is 42 then after grace it will become 47, if marks are 46, 47, 48, 49 then after grace it will become 50) . (using above table) **Marks-04**

Q no.3:- Qno.8:- Write a PL/SQL trigger named restrictroll to restrict a user to delete the record of rollno 1701, 1702 and 1703 only from smarks table. **Marks-03**